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WEST VIRGINIA, U. S. A.

ANNUAL REPORT

OF THE

DEPARTMENT OF MINES

FOR THE YEAR ENDING

JUNE 30, 1914.

EARL A. HENRY
Chief of the Department of Mines
CHARLESTON.

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1913/14

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TRIBUNE PRINTING CO., CHARLESTON, W. VA.

DEPARTMENT OF MINES

OFFICE EMPLOYEES

Wm. L. Thomas	Putnam County	Clerk.
John E. Paul	Kanawha County	Clerk.
Effie M. Carter	Kanawha County	Stenographer.
Edwina Wilkinson	Wood County	Stenographer.

36478

Personnel of the Department of Mines

Earl A. Henry appointed Chief of the Department of Mines, Sept. 1st, 1913.

John Laing, Chief of Department of Mines resigned, August 31, 1913.

Karl F. Schoew, Inspector for First District. Resigned Oct. 30th, 1913.

W. B. Riggleman, Inspector for First District.

Frank E. Parsons, Inspector for Second District.

L. D. Vaughn, Inspector for Third District.

W. B. Plaster, Inspector for Fourth District.

R. B. Cobb, Inspector for Fifth District.

Enoch Carver, Inspector for Sixth District.

E. J. Mason, Inspector for Seventh District.

John I. Absalom, Inspector for Eighth District.

Lance B. Holliday, Inspector for Ninth District.

Isaac Murray, Inspector for Tenth District.

Lawson Blenkinsopp, Inspector for Eleventh District.

E. C. Lambert, Inspector for Twelfth District.

Appointments for District Mine Inspectors for Term Beginning July 1st, 1913

W. B. Riggleman, Appointed District Inspector for the First District November 1st, 1913.

Frank E. Parsons, Re-appointed District Inspector for the Second District July 1st, 1909. Re-appointed July 1st, 1913.

L. D. Vaughn, Appointed District Inspector for the Third District, July 29, 1909. Re-appointed July 1st, 1913.

W. B. Plaster, Appointed District Inspector for the Fourth District, July 28th, 1909. Re-appointed July 1st, 1913.

E. A. Henry, Re-appointed District Inspector for the Fifth District July 1st, 1909. Re-appointed July 1st, 1913. Resigned August 31st, 1913.

R. B. Cobb, Appointed District Inspector for the Fifth District Sept. 1st, 1913.

J. H. Jackson, Appointed District Inspector for the Sixth District Dec. 1st, 1912. Resigned Sept. 30, 1913. Succeeded by Enoch Carver.

James Martin, Appointed District Inspector for the Seventh District Oct. 11th, 1909. Re-appointed July 1st, 1913. Resigned December 31, 1913, succeeded by E. J. Mason.

R. Y. Muir, Appointed District Inspector for Eighth District, August 3d, 1909. Re-appointed July 1st, 1913. Resigned Sept. 30, 1914. Succeeded by J. I. Absalom.

L. B. Holliday, Re-appointed District Insector for the Ninth District August 7, 1909. Re-appointed July 1st, 1913.

Arthur Mitchell, Appointed District Inspector for the Tenth District, July 31, 1909. Re-appointed July 1st, 1913. Resigned October 31, 1913. Succeeded by Isaac Murray.

Lawson Blenkinsopp, Re-appointed District Inspector for the Eleventh District, Sept. 1st, 1913.

H. H. Pinkney, Appointed District Inspector for the Twelfth District Sept. 1st, 1912. Resigned Sept. 30th, 1913. Succeeded by E. C. Lambert.

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Letter of Transmittal

DEPARTMENT OF MINES.

STATE OF WEST VIRGINIA.

To His Excellency, HENRY DRURY HATFIELD,
Governor of West Virginia.

SIR:—In compliance with the mining laws of the State of West Virginia, as amended by the Legislature in Regular Session, February, 1907, I have the honor to submit herewith my first Annual Report for the Department of Mines for the year ending June 30th 1914, this being the tenth Annual Report of this Department and embraces the thirty-second Annual Report upon the condition of the coal mines within the State, as reported by the several District Inspectors.

Respectfully yours,
EARL A. HENRY,
Chief of Department of Mines.

Charleston, W. Va., Dec. 31st, 1914.

ANNUAL REPORT

ANNUAL REPORT

To His Excellency, Henry Drury Hatfield,
Governor of West Virginia.

Sir:—The report herewith submitted is for the year ending June 30th, 1914, being my First Annual Report of the Department of Mines, and which embraces the thirty-second Annual Report upon the conditions of the coal mines within the State.

There has been a substantial improvement in the business conditions throughout the State during the year, especially in regard to the mining and production of coal, which has resulted in an increase over the year of 1913, in gross tons, while owing to adverse conditions in connection with the manufacture of coke there has been a material reduction in net tons as follows:

	1914	1913	(Increase or decrease in tons.)	(Increase or decrease in per cent.)
COAL	65,783,088	61,770,352	4,012,736 (I)	6.5 (I)
COKE	1,957,401	2,521,800	564,399 (D)	22.38 (D)

The production of coal for the year covering this report, I am glad to say, has increased 4,012,736 gross tons, as you will note from the figures above, showing the comparison of the last two fiscal years, notwithstanding that, during a part of the time, the production was retarded on account of labor trouble and a general feeling of unrest among the operators and laborers of all kinds in connection with the mining industry.

In view of the distance from the market in which West Virginia coals are necessarily sold and the consequent difficulty of transportation, the continued increased production clearly demonstrates the superior quality of the coal in this state, as compared with its more favored competitors in other states as well as the energy, capability, and efficiency that characterize the men who are engaged in the business. It will be seen from tables contained in this report by comparing the coal produced in this State for the past several years, that the production of coal has been substantially increasing each year, which plainly shows the alertness of the men interested in mining in West Virginia in continuously finding new markets to consume the coal, to take care of the millions of increased tons each year, which is absolutely necessary, as but very little of the coal produced in West Virginia is consumed within its borders, which necessarily places the operating companies to great expense, by way of demonstrating the products and finding foreign markets in which to dispose of the products.

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* (D) means Decrease.
* (I) means Increase.

INSPECTIONS.

During the year the twelve District Mine Inspectors have made 2,585 inspections and made official reports of same, which were forwarded to this office and are now on file. There were 73 special visits made to the mines for various reasons in addition to the number of inspections, such as consulting with the mine officials in regard to improvements and developments being made, both inside and outside of mines, so that conformity to the law could be obtained, investigating fatal injuries sustained by employees, following up to see whether or not recommendations made had been put into effect, etc.

The spirit of harmony and co-operation which has been manifested by these conferences are commendable and argue well for the best interests of the operators and the persons employed in the mines in regard to their health and safety in procuring all the safeguards for both life and property, so far as is required by law.

The State is divided into twelve inspection districts and one inspector is assigned to each district, being held responsible for the condition of the mines in his district, in so far as his official duties as defined by law are concerned. It gives me pleasure to report that all of the inspectors have performed their duties in the most faithful manner during the year and it is, in a great measure, due to their faithful and efficient performance of duty that the gratifying results have been obtained, as is set forth in other parts of this report.

MINE FOREMAN AND FIRE BOSS EXAMINATIONS.

A series of examinations for the purpose of testing the qualifications, experience and fitness of the persons to be put in charge of mines as Mine Foremen and Fire Bosses have been held at various places throughout the State by a Board of Examiners, selected from among the twelve District Mine Inspectors, under the direction of the Chief of the Department of Mines and, in every case, the Inspector in whose district the examination was being held was a member of the Board.

The mining law of this State requires that competent men shall be appointed as Mine Foremen and Fire Bosses. A standard of competency must be established by which the persons who occupy these positions are to be judged, as to their qualifications, experience, ability and fitness to fill said positions, to meet with the requirements of the law, and, the Department of Mines being charged with the enforcement of the mining law, decided that it should be the authority to determine this standard of competency therefore, the Board of Examiners was appointed to formulate questions and hold examinations, at which applicants could demonstrate their ability and fitness to hold the desired positions. In all cases where persons have succeeded in making grades for certificates and then the applicants are found to be incompetent or negligent and fail to perform their duties in a certain proper manner, the certificates are revoked and the companies notified of the action of the Department and they are requested to appoint certified persons, who can and will properly discharge their duties.

Since the beginning of this system of examinations for Mine Foremen and Fire Bosses early in March, 1910, and up to and including June 30th, 1914 a total of 3,526 men have been examined, 1,991 of whom have been successful as follows:

857	First Class Certificates.
1,053	Second Class Certificates.
81	Fire Boss Certificates.

RESIGNATIONS AND APPOINTMENTS.

There have been 7 resignations during the year ending June 30th, 1914, and 7 appointments necessary and the personnel of this Department is given elsewhere in this report.

PRODUCTION OF COAL AND COKE.

From the 847 producing mines operated by 442 firms, together with the small country mines, the coal produced during the fiscal year ending June 30th, 1914, was 65,783,088 gross tons, an increase of 4,012,736 gross tons, or 6.5 per cent. over the year ending June 30th 1913.

The coke manufactured was 1,957,401 net tons, a decrease as compared with the preceding year of 564,399 net tons, or 22.38 per cent. The operating companies, as a general proposition throughout the State, have found the manufacture of coke a very difficult proposition on account of securing labor for this kind of work, as well as the general market price for coke, due to its being manufactured cheaper in our larger cities than it can be done at the mines.

Total value of coal produced was (65,783,088 G. T.)	$65,783,088.00
Value of coal used in operating mines was (1,425,487 G. T.)	1,425,487.00
Value of coal sold local trade and tenants was (693,796 G. T.)	693,796.00
Value of coal used in coke ovens was (2,907,434 G. T.)	2,907,434.00
Value of coal shipped from mines was (60,456,371 G. T.)	60,456,371.00
Value of coal mined by small country mines was (300,000 G. T.)	300,000.00
Total	$65,783,988.00
TOTAL VALUE OF COAL SOLD (61,150,167 G. T.)	$61,150,167.00
TOTAL VAULE OF COKE PRODUCED (1,957,401 N. T.)	3,914,802.00
TOTAL GROSS VALUE OF PRODUCT PLACED ON MARKET	$65,064,969.00

The increase in value over the previous year as follows:

Coal (Increase)	$ 4,630,439.52
Coke (Decrease)	876,618.00
Net increase in value of product (Coal and Coke)	$ 3,753,821.52

The coal produced was disposed of in the following manner:

Produced by small country mines—sold at mines	300,000 Gross Tons
Used in operating mines	1,425,487 Gross Tons
Furnished local trade and tenants from commercial mines	693,796 Gross Tons
Used in coke ovens	2,907,434 Gross Tons
Shipped from the mines	60,456,371 Gross Tons
Total	65,783,088 Gross Tons

The above tonnage compared with the previous year originated in the several Geographical Districts as follows:

DISTRICTS	Year 1914	Year 1913	Increase or Decrease
Potomac	2,077,031	1,982,088	94,943 (I)
Monongahela	15,611,399	14,168,063	1,443,336 (I)
Wheeling	1,976,606	1,661,308	315,298 (I)
Interior	405.059	413,739	8,680 (D)
Kanawha-New River	20,567,977	19,028,918	1,539,059 (I)
Norfolk & Western	24,845,016	24,216,236	628,780 (I)
Small Mines in State	300,000	300,000	
Total	65,783,088	61,770,352	4,012,736 (I)

During the year there were 2,467 mining machines in use at 489 mines, employing 26,684 men and producing 35,941,590 gross tons of coal, which is 54 per cent. of the total production of the State and which is 2,605,790 gross tons in excess of the machine mined coal during the year ending June 30th, 1913.

The following table exhibits the growth of machine mining since the year of 1897:

YEAR	Number of Mines using machines	Number of machines in use	Total Employees incident to machines	Number of tons produced by machines	Percentage of coal to total production	Number of days worked
1897	16	55	652	600,418	5.12	197
1898	28	96	933	1,070,293	7.04	214
1899	41	141	1,608	1,733,279	10.66	240
1900	63	241	2,371	2,637,611	13.43	261
1901	90	386	3,967	3,582,853	7.65	225
1902	124	534	4,813	5,135,823	21.98	249
1903	181	795	6,531	6,312,894	27.56	201
1904	248	988	8,395	8,317,692	30.82	209
1905	280	1,158	10,237	10,315.781	32.74	213
1906	301	1,267	10,855	13,333,602	35.65	231
1907	360	1,508	12,248	14,549.183	36.34	234
1908	399	1,657	14,377	15,387,695	38.09	211
1909	404	1,674	14,891	16,419,264	39.55	192
1910	475	1,967	16,991	23,263,675	44.14	229
1911	498	2,158	20,697	26.392.073	48.84	194
1912	424	2,307	21,697	30,467,193	51.13	224
1913	469	2,393	21,803	33.335.800	53.97	229
1914	489	2,467	26,684	35,941.590	54	226
Total				248,795,719		Avg. 223

Tons for 1914 per each employee	1,347
Tons per each employee per year (Average for 18 yrs.)	1,288
Tons produced per each machine per year (Average 18 yrs.)	12,794
Average days worked per year (Average for 18 years)	223
Average tons produced by one machine per day (Average 18 yrs.)	65
Average tons produced by one machine per month of 26 days (Average for 18 yrs.)	1,690

TONS OF PICK MINED COAL PRODUCED IN COMMERCIAL AND SMALL COUNTRY COAL MINES, 1897 TO 1914, INCLUSIVE.

(Tons of 2,240 Pounds.)

YEAR	Pick Coal from Commercial Mines	Pick Coal from small Country Mines	Pick Miners in Commercial Mines	Pick Miners in small Country Mines	Days Worked	Tons produced in Commercial Mines Pr. Miner
1897	10,971,482	133,929	13,218	No	197	830
1898	13,084,572	140,000	14,036	Record	214	932
1899	14,366,871	150,000	14,119		240	1,017.5
1900	16,199,300	150,000	14,723		261	1,100
1901	16,533,138	175,000	16,000		225	995
1902	18,034,200	180,000	15,969		249	1,120.8
1903	16,420,804	180,000	16,287		201	1,008
1904	18,497,025	170,000	18,880		209	979.7
1905	21,007,248	180,000	19,602		213	1,071.7
1906	23,889,872	180,000	19,132		231	1,248.7
1907	25,311,128	180,000	19,287		234	1,312
1908	23,799,315	180,000	21,728		211	1,095.3
1909	25,094,502	180,000	22,583		192	1,110.3
1910	29,361,033	200,000	22,509		229	1,304.4
1911	27,341,113	300,000	21,247		194	1,286.8
1912	28,814,581	300,000	21,879		224	1,317
1913	28,134,552	300,000	18,320		220	1,536.7
1914	29,541,498	300,000	19,924		226	1,483

Average tons per year for each miner (18 years)	1,153
Average number of days worked per year (18 years)	223

ACREAGE MINED.

The total acreage of coal mined within the State, based upon returns made by the operators, and calculation made at this office, since 1897 are presented in the following table:

1897	1,733.9 Acres
1898	2,184.6 Acres
1899	2,361.2 Acres
1900	2,638.8 Acres
1901	2,854.6 Acres
1902	3,352.0 Acres
1903	3,222.3 Acres
1904	3,967.7 Acres
1905	4,691.8 Acres
1906	5,516.5 Acres
1907	5,779.7 Acres
1908	5,915.0 Acres
1909	6,608.0 Acres
1910	7,907.4 Acres
1911	10,801.8 Acres
1912	11,240.6 Acres
1913	11,231.0 Acres
1914	10.100.0 Acres
Total	102.107.9 Acres

The mines in the State averaged 223 days as against 220 for the preceding year.

TRANSPORTATION OF COAL AND COKE.

During the year the railroads within the State report having handled a total of 64,591,882 gross tons of coal and 2,010,437 net tons of coke, of which amounts there originated on the various lines 59,485,316 gross tons of coal and 1,750,675 net tons of coke, while the operators report having shipped from the mines 60,456,371 gross tons of coal. Between the tonnage originated on the railroads and that reported as having been shipped from the mines, there is a difference of 971,055 gross tons in excess of the tonnage reported by the railroads. This may be accounted for by the railroads taking only into their records the commercial coal and not including their railroad fuel, while the mines report the actual tonnage from the mine weights. The railroads, as will be seen, report 206, 726 net tons less coke originating on the lines than the mines report shipping. This may be accounted for by the railroads taking only into their report coke which had passed over their scales at the close of the fiscal year and the difference, as indicated above, would be moving between the various mines and the railroad yards, where railroad scales are located for the purpose of weighing this product.

RIVER SHIPMENTS.

For the fiscal year ending June 30th, 1914, the coal floated down the Great Kanawha River amounted to 896,262 gross tons, as against 848,572 net tons the previous year.

There were 62,006 gross tons shipped down the Monongahela River from this State this year.

There were 12,287 gross tons of coal shipped down the Ohio River from this State. This is the fourth year that coal shipments have been reported as being made on this river from West Virginia. This does not include the tonnage for fuel consumed by water craft and local river trade.

There was no coke shipped by water by either the Kanawha, Monongahela or Ohio Rivers from West Virginia during the year.

COKE OVENS AND COKE PRODUCED.

There are 105 coke plants in the State, which report a total of 17,020 coke ovens, of which number 5,902 were in actual operation for 252 days, there being 11,118 ovens reported as not being in use during the year.

There were 3,256, 321 net tons of coal converted into coke which gave a net yield of 1,957,401 net tons of coke and gave employment to 1,898 persons.

The decrease in the production of coke, as compared with the previous year was 564,399 net tons, at a decreased valuation of $1,128,798. The average price per ton of coke was $2.00, an increase of 10 cents per ton over the preceding year.

IMPROVEMENTS.

Quite a number of improvements have been made at the various mines throughout the State on their old plants, as well as in the opening up and re-equipping new mines.

A detailed table of improvements appears on a subsequent page, as well as in District Mine Inspectors' Reports of their respective mines, to which special attention is directed, which shows the improvements by Counties and Districts.

MEN EMPLOYED.

During the year there were employed at the mines and coke ovens an average of 78,041 persons, an increase over the previous year of 7,720. Of the total number employed, there were:

19,924	Pick Miners.
22,355	Machine Miners.
4,329	Machine Runners and Helpers.
18,323	Inside Laborers.
11,212	Outside Laborers.
1,898	Coke Workers.

Counting the superintendents, mine foremen, fire bosses, store managers, store and office clerks, it would be safe to add fifteen persons per mine, employed in these capacities. Basing this estimate on the 847 producing mines, it would make a total of 12,705 men, or a grand-total of employees directly connected with the operation of the mines of 90,746.

The Nationalities of the persons employed in and around the mines is given in a tabulated form in another part of this report and the totals of the various nationalities are as follows:

Americans (White)	36,101
Negroes	13,357
Italians	10,276
Hungarians	4,761
Polish	3,136
Slavish	2,229
Austrian	1,472
Russian	1,737
Other Nationalities	4,972
Total	78,041

WAGES.

The average price received by pick miners throughout the State per gross ton of run of mine coal was $0.49 for 1914, as against $0.48 for 1913. The average tonnage produced per each pick miner was 1,483 tons, a decrease of 53.7 tons under 1913. The average annual wage of pick miners, (All pick miners included) was $726.67 which was a decrease of $10.95 under that of the previous year.

STRIKES.

During the year District No. 17 (Kanawha Coal Operator's Association) was affected by a strike which began June 1st, 1914, and lasted until July 15th, 1914, and this strike affected: Namely:—The Counties of Boone, Fayette, Kanawha, Mason, Putnam and Raleigh.

It is impossible to give anything like accurate figures in connection with the loss to both the miners and the operators, but the number of men affected reached a total of practically 10,000 and the counties were affected in percentage of men employed in about the following proportions: 60 per cent. in Boone, 15 per cent. in Fayette, 40 per cent. in Kanawha, 75 per cent. in Mason, 90 per cent. in Putnam and 15 per cent. in Raleigh.

The settlements were made during July, 1914 resulting in the granting of concessions by both employee and employers and the operations were gradually resumed under the new conditions.

The following table shows the average price received for cutting and loading machine coal:

MACHINE MINING PRICES

	1914	1913
Machine Miners paid per ton run-of-mine in rooms	$ .33	$ .30
Machine miners paid per ton run-of-mines in headings	.39	.38
Machine miners paid per ton screened in rooms	.63	.53½
Machine miners paid per ton screened in headings	.71	.66
Machine miners paid per day	2.25	2.25
Machine runners paid per ton run-of-mine in rooms	.08	.07½
Machine runners paid per ton run-of-mine in headings	.12	.11
Machine runners paid per car	.20	.22
Machine runners paid per ton screened coal	.18	.16¾

The average selling price of all coal shipped from the mines was $1.00 (Dollar) per gross ton of run-of-mine coal, an average of (.01) one cent per ton over the prices received during the year of 1913.

Coke was sold F. O. B. at the ovens at an average price during the year of $2.00 per net ton, this price being an increase over the previous year of ($.10) ten cents per ton.

ACCIDENTS.

During the year there were 541 lives lost in connection with the mining operations; of these 505 were killed inside and 36 outside the mines.

There were 870 non-fatal accidents during the year, 797 of which occurred inside and 73 outside of the mines. This shows an increase in the number of accidents as compared with that of last year as follows:

YEAR	Fatal	Non-Fatal	Fatal Inside	Fatal Outside	Non-Fatal Inside	Non-Fatal Outside
1913	308	668	286	22	610	58
1914	541	870	505	36	797	73
	233 (I)	202 (I)	219 (I)	14 (I)	187 (I)	15 (I)

"D" means Decrease. "I" means Increase.

I regret to report that during the year we have had one explosion within the State; this explosion occurred at the New River Collieries Company's Mine, Eccles No. 5, located at Eccles, April 28th, 1914.

A detailed statement with reference to this explosion will be found in another part of this report.

Falls of roof and coal and accidents from mine cars have been the chief factors in causing a large majority of the accidents in the mines. Investigations of the accidents from these three causes demonstrate that about 75 per cent. of them were due to contributory negligence on the part of either the persons killed or injured or some other person, and should not have occurred at all if ordinary care had been taken to prevent them.

Strict discipline, vigorously enforced by the mine officials would reduce the number of accidents from these causes at least one-half.

PREVENTION OF ACCIDENTS.

In considering the prevention of accidents in our mines, it is deemed advisable to take up the cause of these accidents in order of their importance.

First: FALLS OF ROOF AND COAL. In looking over the accidents reported, it has been found that many are due to the carelessness of the injured, and strange as it may seem, quite a number of those injured are old and experienced men. They seem to take greater risks and continue to do so, notwithstanding the object lessons that are given them when other men are injured or killed under similar conditions.

Other causes are: insufficient timber, or timber improperly set, lack of judgment, lack of equipment in not providing tools to properly set up timbers to protect themselves, ignorance, lack of proper supervision and discipline by the mine officials.

In order to reduce accidents from this source to a minimum, there should be, primarily, rigid discipline which means that when an employee is warned not to go into a place having a dangerous roof, he will STAY OUT until it is properly secured; it means also that when an employee is told to take down a bad piece of slate, he will do so at once and not wait until he completes the loading of the car or performs the other work at which he may be engaged at the time; he should further be instructed in the manner of setting his timber to protect himself; he should be required to have the necessary tools for setting timber and pulling down and handling slate; he should know how to sound the roof and line up his timber, how the timber should be spaced and how the cap pieces should be set in order to give him the best possible protection.

An inexperienced miner should never be permitted to work in a mine by himself, especially, he must be kept out of places having bad roof.

Adequate supervision doubtless would greatly reduce the number of accidents from slate fall, both to experienced and inexperienced persons.

There seems to be a disposition, especially among experienced men, to ignore, or rather to forget the danger from bad roof. Loose pieces of slate should be marked and taken down as soon as possible, particularly should this be done on haulage roads and traveling ways.

The mine law requires the mine foreman, or his assistant, to visit each working place at least each alternate day. This we do not consider adequate supervision in mines having bad top. Not only mine foremen, but assistants, if necessary, should examine the timbering in each working place not less than once each day and warn the men of any danger and instruct them how to properly protect themselves from such dangers and, above all, to REQUIRE THEM TO DO SO AT ONCE.

Second: ACCIDENTS FROM MINE CARS: Accidents from this source are in a great many cases, due to a direct violation of the mine law, and of the mine rules, and here again is the place to apply rigid discipline.

Accidents will not be reduced by simply posting a notice that "Employees (other than those whose duty it is to do so) must not ride on the empty or loaded cars." The rule should be enforced and the law should be strictly obeyed.

Where employees have to travel on haulage roads, either proper width of roadway should be maintained or suitable refuge holes properly placed and whitewashed, according to law, should be provided.

Where cars are hauled out of a dip entry (back into which they are liable to run in case a coupling should break) suitable drags and derailing devices should in all cases be used.

Lights should be placed on all trips as provided by law.

At all mines, wherever possible, a traveling way should be provided to be entirely independent of the haulage road; this will prevent either old or new men from getting confused and caught by trips if their lights should be extinguished in their efforts to get out of the way of moving cars.

Where employees ride to their work in special trips made up for this purpose, a moderate speed should be maintained and a track walker should precede the trip to see that no falls are on the track, and also to see that the track is in good condition, as well as the electric wires or ropes which propel the trip. Where electric motors are used, there should be arched headlights on the motors. These enable the motormen to see anything ahead for a considerable distance.

Miners should be instructed how to handle mine cars into and out of their working places, and they should be shown how to avoid dangers incident to the work.

There have been cases where accidents have occurred by gathering motors having pushed empty cars into rooms where an empty car was standing at the face of the room, catching the miner between the face and the car. A room latch which is controlled by a lever and weight would prevent an accident of this kind.

Third. ELECTROCUTIONS. During the year, 20 lives were lost by electrocutions. From 1889 to 1914 there have been 134 persons who have lost their lives from this source, both within and without the mines. A careful scrutiny of the reports of these accidents for the last year, shows that about 70 per cent. of the electricutions were caused by a current of electricity not less than 500 volts, while only about 30 per cent. were caused where the voltage did not exceed 300 volts.

This is a striking illustration of the dangers incident to the use of electricity under high voltage and the comparative immunity secured to life by using low voltage; this is the more striking because of the fact that possibly not more than one fifth of the mines in the State, which use electricity, have high voltage installations, and yet they produce five-sixths of the fatalities as against one-sixth produced by the low voltage installations.

The efficiency of the work done between high and low voltage in actual results is not materially different, the chief difference being the size and subsequent cost of the copper wire that conducts the electric current. The low voltage current requires a heavier wire with more copper in it than the high voltage does, and therefore the cost of the installation and maintenance is considerably greater.

In view, however, of the dangers to employed engaged in mining operations, and the greatly increased fatalities that result from the use of high voltage currents, it becomes a question whether any more economies of production can compensate for the increased risk to human lives. It is safe to say that if low voltage currents had been used in all of the mines of the State, in all probability there would have been a great reduction in the number of fatalities from this cause.

In view of the above fact, I am of the opinion that any electric current carried into a mine, exceeding 300 volts, is unnecessarily dangerous to life and limb.

During the year 1914 the causes of accidents and lives lost inside are summarized as follows:

Killed by explosions (all forms)	192
Killed by falls of roof and coal	213
Killed by mine cars (inside and outside)	62
Killed by electrocutions	20
Killed by other causes	54
Total	541

Since 1897 there have been killed inside the mines of the State as follows:

Killed by falls of roof and coal	2,230
Killed by mine cars	446
Killed by gas explosions	340
Killed by dust explosions	590
Killed by electrocutions	144
Killed by other causes	641
Total	4,391

The experience of persons killed and injured for the past fourteen years from 1901 to 1914 inclusive, is as follows:

Having an experience of one year or less	2,287
Having an experience of two to five years	3,147
Having an experience of six to ten years	1,539
Having an experience of eleven to twenty-five years	1,073
Having an experience of twenty-five to fifty years	196
Having an experience of many years	296
Having an experience of unknown years	2,083
Total	10,621

The above table shows conclusively that the persons with little experience are the persons who are most frequently injured or killed.

Since the year 1883 the average lives lost inside for every 1,000 persons employed inside the mines is 6.51.

Ratio per 1,000 employed inside durng 1908	12.24
Ratio per 1,000 employed inside during 1909	6.72
Ratio per 1,000 employed inside during 1910	5.61
Ratio per 1,000 employed inside during 1911	5.17
Ratio per 1,000 employed inside during 1912	6.89
Ratio per 1,000 employed inside during 1913	5.00
Ratio per 1,000 employed inside during 1914	8.33

FATAL ACCIDENTS, THEIR CAUSES, SINCE 1897.

CAUSES	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906
Fall of roof	47	67	64	61	76	79	96	95	105	99
Mine cars	6	6	7	11	11	13	12	12	18	16
Gas Explosions	0	1	0	50	10	0	24	3	1	4
Dust Explosions	0	0	0	0	0	0	0	0	0	0
All other causes	7	2	8	11	24	18	15	13	25	131
Totals	60	76	79	133	121	110	147	123	149	250

CAUSES	1907	1908	1909	1910	1911	1912	1913	1914
Fall of roof	130	155	144	215	184	207	160	213
Mine cars	20	28	31	44	59	36	46	62
Gas Explosions	29	2	3	1	3	18	8	183
Dust Explosions	0	368	116	0	24	83	0	0
All other causes	136	46	70	60	62	65	94	83
Total	315	599	364	320	332	409	308	541

SUMMARY OF ACCIDENTS INSIDE THE MINES, 1913-1914.

	1914	1913	Changes
Number of employees inside	64,931	57,197	7,734 I
Number of days mines were operated	226	220	6-1
Number of persons killed inside	505	286	219-I
Number of days work accomplished	14,674,406	12,583,340	2,091,066-I
Number killed per 1,000 inside	8.33	5.00	3.33-I
Number killed per 1,000 days work inside	.0344	.0227	.0117-I
Number injured non-fatally inside	797	610	187-I
Number injured per 1,000 inside	28.8	10.665	18.135-I
Number injured per 1,000 days work inside	.1274	.0484	.079-I
Number of inside employes per each fatality inside	129	200	71-D

"I" means Increase. "D" means Decrease.

TONNAGE PER FATALITY.

Since the year 1883 the average tons of coal produced per each fatality inside have been 136,024 tons, including 1914, which is 130,263 tons per fatality. At these mines where fatal accidents occurred there was an average of one life lost for each 61,333 tons of coal produced.

The total 505 lives lost inside during the year occurred at 222 mines, employing 37,465 persons, and producing 33,181,378 gross tons of coal, while at all other mines there were produced 32,601,710 gross tons of coal without the loss of a single life inside the mines.

PERMISSIBLE POWDER AND SOLID SHOOTING.

The use of various brands of permissible blasting powder has been employed in quite a number of the mines throughout the State where explosive gases are liberated to any extent, and also in those mines that are dry and dusty. Their use has been made compulsory where such conditions exist.

Shooting coal on the solid has been nearly eliminated throughout the State, except where permission has been given by the District Mine Inspectors, when in their judgment the character of the coal and the mining conditions will allow it to be done with a reasonable degree of safety, and then, only under such conditions and restrictions as they prescribe. No permission is given under any circumstances where, in their judgment, the conditions are favorable to the initiation of a dust explosion.

The mine must be kept in a moist condition either by sprinkling with water or the introduction of moisture into the ventilating current to such an extent as will allay all dust and prevent it from floating in the air current in dangerous quantities.

There must be a supervision in the manner in which holes are drilled, the quantity of powder used and also the nature of the tamping used by the person who is designated by the mine foreman or superintendent for that purpose before any blasting is done.

It has taken strenuous work on the part of the district mine inspectors to break up the practice of solid shooting, but by persistent efforts and the enforcement of the law by numerous prosecutions, it has been practically accomplished. A list of names of those who have been prosecuted for violation of the mining laws appears in another part of this report.

Elsewhere in this report will be found the Annual Reports of the twelve district mine inspectors, which gives in detail the conditions existing in the mines in their respective districts.

In conclusion, the writer desires to express his high appreciation of the confidence reposed in him by your Excellency and for the material and moral support you have given him, in the discharge of duties pertaining to the work of the Department, and for the deep interest manifested by you in the accomplishment of results tending to safeguard the health and lives of the persons employed in and about the mines, which was evidenced by the frequent conferences and consultations which you have had with me to keep you in close touch with the character and extent of the work. The advice and encouragement given the Department at these conferences has stimulated me to accomplish results that would measure up to the standard of efficiency required by you.

Respectfully submitted,

EARL A. HENRY,
Chief of Department of Mines.

Rules and Instructions of the Department of Mines Governing the Work of the District Mine Inspectors

1.—Among the qualifications for a District Mine Inspector, we consider that he must have a good character, common sense, sound judgment, dignity, sobriety and loyalty to the service of the State and to the Chief of the Department of Mines.

2.—Each Mine Inspector should live in his district, and as near the center of it as possible in order that his expenses be reduced to a minimum.

3.—Conditions found in any mine should not be made a subject for discussion with the miners or officials of any other mine.

4.—All differences of opinion as to the work and duty of the District Inspectors must be referred to the Chief of the Department of Mines.

5.—Denunciation of one inspector by another will not be tolerated. In case it should become necessary to prefer charges of any kind against another inspector, they must be made in writing and be signed by the party who makes the charges.

6.—District Inspectors, like other citizens, and employees of the State, have the right to make appeals and reports to the Governor of the State, but where such appeals and reports refer to the work or duty of any of the District Inspectors, the Chief of the Department of Mines or any other employee thereof, or where the said reports refer to the condition of any of the mines of the State, a copy of the same must be sent to the Chief of the Department of Mines.

7.—District Inspectors will meet every three months at places and on dates to be designated by the Chief of the Department of Mines, for the purpose of discussing the work of the Department in the several Districts.

8.—In giving special orders, or where requests are made for important changes in a mine, care should be exercised so that they may be executed with the least possible interference with the working of the mine, or loss of time to employees or unnecessary expenditure of money to the Company. In all cases, be conservative, fair and lenient as the law and circumstances permit you to be, but if after such consideration you fail in your purpose and duty compels you to give an imperative order, do so in writing and in language the least possible objectionable, but with that firmness that will remove any doubt as to the standing and impartiality of those connected with this Department to all with whom you come in contact.

9.—District Mine Inspectors must make careful examination of gobs and old workings so as to be absolutely sure that no dangerous or noxious gasses of any kind exist therein.

It is required by this Department that District Inspectors examine all gobs for gas by going upon the falls as high as they possibly can consistent with safety.

10.—Whenever a District Inspector has reason to believe that the illuminating oils used in the mines are not fulfilling the requirements of the law, they must obtain a sample of this oil by purchase directly or indirectly and send it to the office of the Department of Mines to be tested. This sample should not be less than one pint.

11.—The attention of District Inspectors is called to the condition of air shafts in their respective districts. Where these air shafts constitute the second opening, they must be equipped with stairways or hoisting apparatus to afford the employes a means of ingress and egress. And District Inspectors must personally examine air shafts, and the stairways or hoisting apparatus therein so as to be sure they are free from ice and other obstructions.

Hoisting shafts should be equipped with safety gates, safety catches fencing around the top, and a signaling pipe by means of which signals may be given and answered to and from the bottom, and to and from the engineer.

Copies of the code signals must be put in a frame covered with glass and posted at the bottom ground landing, and in the engine room.

12.—Oils or explosives must not be stored in the mines.

13.—Hay and straw when taken into the mine should be handled in bales and not taken in loose. Inspectors must insist upon this.

14.—At all shaft mines and at all other mines of a gaseous or dangerous character, a system of checking men in and out, which will show HOW MANY and WHO are in the mines at all times

15.—All inspectors are requested to exercise care and economy in the use of supplies, instruments, etc.

16.—These rules are intended to supplement, not to supplant in any way, any of the requirements or provisions of the Mining Law of the State of West Virginia.

RULES GOVERNING SOLID SHOOTING.

No. 1. Employ a competent shot-firer, whose duty shall be to fire all holes.

No. 2. All working places must be kept in a "V" shaped condition and all the holes must meet with the approval of the shot firer and be fired by the shot firer himself.

No. 3. Only clay or loam tamping shall be used.

No. 4. Authority is given the shot-firer to stop any entry or any number of rooms when insufficient clay or loam is on hand. The shot firer is also to see that the tamping is placed at a convenient place for all working places.

No. 5. No miner or other employees other than the shot-firer shall be permitted to carry or take into the mine any detonators or squibs.

No. 6. Any person or persons who shall violate any of the above conditions shall be immediately discharged, together with being reported to the State Mining Department for prosecution.

LIBRARY
WEST VIRGINIA UNIVERSITY

SUCCESSION OF THE PRINCIPAL COAL BEDS IN THE STATE, WITH NAMES COMMONLY USED FOR THEIR DESIGNATION.

Dunkard Series XVI.

1. Washington Coal.
2. Waynesburg A.

Monongahela Series XV.

1. Waynesburg.
2. Uniontown (Chestnut Oak.)
3. Sewickley.
4. Redstone.
5. Pittsburg Coal.

Conemaugh Series XIV.

1. Elk Lick, Four-foot—Mineral Co., Barton.
2. Harlem, Friendsville, Crinoidal.
3. Bakerstown, Price, Four-foot—Preston Co
4. Brush Creek, Masontown, Mahoning.

Allegheny Series XIII.

1. Upper Freeport, Griffithsville.
2. Lower Freeport, Hubbardstown Upper.
3. Upper Kittanning.
4. Middle Kittanning, Hocking Valley, Hubbardstown Lower.
5. Lower Kittanning, "Roaring Creek," "No. 5 Block," "Big Bed," North Coalburg, Mason, Davis, O'Brien Creek.
6. Clarion, Brookville.

Kanawha Black Flint—Pottsville Series XII—Upper Pottsville or Kanawha Coals.

1. Stockton, Lewiston, Belmont, Cannelton, Thomas, Savage.
2. Coalburg, Acme, (Buffalo Creek).
3. Winifrede, Kanawha. Black Band.
4. Chilton.
5. Cedar Grove, Thacker.
6. Peerless Alma.
7. No. 2 Gas, Campbell's Creek, Warfield, Rawl, Ansted, Island Creek, Powellton Upper, Page Upper, Montgomery, "Coal Valley Gas Coal," Butler.
8. Powellton, Brownstown.
9. Eagle, No. 1 Gas Coal.
10. Little Eagle.
11. Upper War Eagle? (Possibly same as Eagle.)
12. Middle War Eagle.
13. Lower War Eagle.

Middle Pottsville or New River Coals.

1. Hughes Ferry, Long Point.

2. Iaeger.
3. Sewell, Nuttall, New River, Davy? Tug River?
4. Welch, Smith, Big Creek, Lambert, Dismal Creek, Hemphill, Tug River Smokeless.
5. Beckley, Winding Gulf, Slab Fork, Eccles Shaft, Raleigh, New River, White Stick, "Noah Jenkins," War Creek?
6. Fire Creek, Quinnimont, New River.
7. Little Fire Creek.

Lower Pottsville or Pocahontas Coals.

1. Thin Coals not mined (Pocahontas Nos. 9, 8, 7, 6, & 5.)
2. Pocahontas No. 4, Lower Horsepen?
3. Pocahontas No. 3, Echols? Flat Top.
4. Pocahontas No. 2 & 1, not mined.

Note:—Where the name of the coal is followed by an interrogation mark (?) there exists doubt as to the correlation.

LARGE PRODUCERS

THE FOLLOWING SEVENTY-FIVE COMPANIES EACH PRODUCED OVER TWO HUNDRED THOUSAND GROSS TONS OF COAL DURING THE YEAR ENDING JUNE 30, 1914.

	Gross Tons.
The Consolidation Coal Co.	4,626,972
Pocahontas Consolidated Collieries Co. Inc.	2,608,308
United States Coal & Coke Co.	2,366,836
United States Coal & Oil Co.	2,166,157
Davis Coal & Coke Co.	1,826,759
The New River Co.	1,485,958
Jamison Coal & Coke Co.	1,455,896
New River & Pocahontas Consolidated Coal Co.	1,392,626
Cabin Creek Consolidated Coal Co.	988,206
Hutchinson Coal Co.	952,501
Receivers Four States Coal & Coke Co.	903,668
Sunday Creek Company	864,707
New River Collieries Co.	852,740
Elkins Coal & Coke Co.	718,978
Davis Colliery Co.	693,160
Solvay Collieries Co.	689,401
Boomer Coal & Coke Co.	622,551
Federal Coal & Coke Co.	568,520
E. E. White Coal Co.	561,823
Cannelton Coal & Coke Co.	560,181
McKell Coal & Coke Co.	537,307
American Coal Company	511,588

Carter Coal Company	411,688
Hitchman Coal & Coke Co.	393,593
Virginia & Pittsburg Coal & Coke Co.	391,090
Century Coal Company	389,282
Maryland Coal Co. of West Virginia	387,861
Raleigh Coal & Coke Co.	379,998
Richland Coal Co.	378,259
Red Jacket Consolidated Coal & Coke Co.	369,526
Houston Coal & Coke Co.	366,188
Crozer Coal & Coke Co.	356,902
Pulaski Iron Company	354,466
J. B. B. Coal Co.	346,306
Gulf Smokeless Coal Co.	316,351
Thacker Coal & Coke Co.	315,211
Campbell's Creek Coal Co.	311,881
Madeira-Hill-Clark Coal Co.	308,512
Kelly's Creek Colliery Co.	306,521
Monitor Coal & Coke Co.	305,531
Premier-Pocahontas Collieries Co.	299,423
Logan Mining Co.	295,335
Slab Fork Coal Co.	294,368
Keystone Coal & Coke Co.	294,362
Elk River Coal & Lumber Co.	290,701
Loup Creek Colliery Co.	284,399
Mill Creek Coal & Coke Co.	278,246
Page Coal & Coke Co.	277,933
Turkey Gap Coal & Coke Co.	276,634
Glen Alum Coal Co.	274,763
Marshall Coal Co.	272,132
West Virginia Colliery Co.	268,982
Powhatan Coal & Coke Co.	264,450
Upland Coal & Coke Co.	264,365
Winding Gulf Colliery Co.	258,960
Ashland Coal & Coke Co.	258,256
Piney Mining Co.	255,280
West Virginia-Pittsburg Coal Co.	253,220
Pemberton Coal & Coke Co.	252,195
McDowell Coal & Coke Co.	249,148
Peerless Coal & Coke Co.	249,010
Paint Creek Collieries Co.	247,617
Black Betsey Coal & Mining Co.	245,717
King Coal Co.	244,754
MacAlpin Coal Company	238,255
Empire Coal & Coke Co.	237,505
Rosemont Coal Co.	231,839
Lynchburg Coal & Coke Co.	219,454
Somerset Smokeless Coal Co.	217,548
West Virginia-Pocahontas Coal Co.	216,476

Bottom Creek C. & C. Co.	210,472
Harry B. Coal & Coke Co.	208,301
Wyatt Coal Company	207,017
M. B. Coal & Coke Co.	206,867
Thomas Coal Co.	202,773
Total	43,190,766

The above statement, as will be seen, shows a total of 43, 190, 766 gross tons of coal produced by 75 of the companies of the State during the fiscal year ending June 30th, 1914; each of the above has produced more than 200,000 gross tons of coal. The grand total of the coal produced for the year, including all mines, was 65,783,088; which leaves a balance of 22,592,322 gross tons produced by all the other companies with a production of less than 200,000 gross tons each.

STATISTICAL

PROSECUTIONS FOR VIOLATION OF THE MINING LAWS DURING THE YEAR ENDING JUNE 30, 1914.

(By Districts and Counties.)

Districts	County	Violations of oil Regulations	Solid Shooting	Employing boys under age	Excess Powder	Ventilation	Dangerous Practices	Total
Fourth	Mineral				2		1	3
Fourth	Tucker		9			1	1	11
Fifth	Fayette						2	2
Tenth	McDowell		21					21
Tenth	Mercer	5	1					6
Eleventh	McDowell	1	19	2	2		2	26
Twelfth	McDowell		3			1		4
Twelfth	Mingo				1			1
	Totals	6	53	2	5	2	6	74

Below is a list showing the names of persons prosecuted for violation of the mining laws and Mine Inspectors' instructions during the year ending June 30, 1914.

FAYETTE COUNTY.

March 11, 1914.—Toney Dominick, Miner, employed at No. 111 Mine of the Sunday Creek Company, was prosecuted for violation of instructions of R. B. Cobb, Inspector of the Fifth District, and the Company's rules by riding loaded trips out of the mine, pleaded guilty, fine and cost $15.00.

April 1, 1914.—D. B. Ross, Mine Foreman, employed at No. 1 Mine of the Boomer Coal & Coke Company, was prosecuted for neglect of duty by R. B. Cobb, Inspector of the Fifth District, and was acquitted.

MCDOWELL COUNTY.

August 1, 1913.—Frank Sunicup, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Rock Musoline, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Steve Serge, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, fined $10.00 and costs.

August 1, 1913.—Marco Coglesto, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Steve Coglesto, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Vincent Gargo, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $20.00 and costs.

August 1, 1913.—Toney Zumbola, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $20.00 and costs.

August 1, 1913.—Foutiaim Cantillio, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Green Kosock, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Joe Chula, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Jim Delena, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $20.00 and costs.

August 1, 1913.—Steve Saurach, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 1, 1913.—Dane Sgio, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $10.00 and costs.

August 19, 1913.—T. F. Smith, Mine Foreman, employed at No. 2 Mine of the Keystone Coal & Coke Company, was prosecuted for employing boys under age by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty and fined $10.00.

August 20, 1913.—T. F. Smith, Mine Foreman, employed at Keystone Mine of the Keystone Coal & Coke Company, was prosecuted for employing boys under age by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $10 00 and costs.

September 29, 1913.—Check No. 22, Italian, Miner, employed at Lynchburg Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

October 16, 1913.—Tony Ross, Miner, employed at Upland Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

October 18, 1913.—Steve Serge, Miner, employed at Angle Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, and fined $20.00.

October 18, 1913.—James Mike, Miner, employed at Page Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

October 18, 1913.—Mike Stix, Miner, employed at Page Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

November 5, 1913.—Pete Vina, Coal Loader, employed at No. 6 Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for using kerosene oil by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

November 5, 1913.—William Jenks, Coal Loader, employed at No. 6 Mine of the Pocohontas Consolidated Collieries Company, was prosecuted for violating Section 11 of the Mining Law, by carrying an excessive quantity of powder in the mine, by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

November 5, 1913.—J. H. Hammons, Coal Loader, employed at No. 6 Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for violating Section 11 of the Mining Law, by carrying an excessive quantity of powder in the mine, by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

November 8, 1913.—Checks Nos. 41, 94, 124 and 69, Miners, employed at No. 1 Mine of the Crozer Coal & Coke Company, were prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

December 8, 1913.—P. A. Grant, Mine Foreman, employed at No. 5 Mine of the J. B. B. Coal Company, was prosecuted for violating Section 22 of the Mining Law, ordered men back to work in poor ventilation after Inspector had ordered them out, by E. C. Lambert, Inspector of the Twelfth District, pleaded guilty, fined $50.00 and costs.

December 20, 1913.—Check No. 78, Greek, Miner, employed at No. 1 Mine of the Turkey Gap Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, and fined $5.00.

December 31, 1913.—Check No. 112, Greek, Miner, employed at Turkey Gap Coal & Coke Co., was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

December 31, 1913.—Check No. 47, Italian, Miner, employed at No. 2 Mine of the Houston Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

December 31, 1913.—Check No. 93, Italian, Miner, employed at No. 2 Mine of the Houston Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 5, 1914.—Morris Orange, Miner, employed at No. 1 Mine of the Powhatan Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 5, 1914.—Joe Lazala, Miner, employed at No. 1 Mine of the Powhatan Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 5, 1914.—Steve Raftus, Miner, employed at No. 1 Mine of the Powhatan Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 6, 1914.—Check No. 94, Greek, Miner, employed at No. 1 Mine of the Houston Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 6, 1914.—Check No. 124, Greek, Miner, employed at No. 1 Mine of the Houston Coal & Coke, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 6, 1914.—Check No. 111, Greek, Miner, employed at No. 1 Mine of the Houston Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

January 6, 1914.—Check No. 33, Greek, Miner, employed at No. 1 Mine of the Houston Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, pleaded guilty, fined $5.00 and costs.

January 9, 1914.—Russel Smith, Miner, employed at Elkhorn Mine of the Elkhorn Coal & Coke Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, fined $10.30.

January 16, 1914.—Lewis Arclon, Check No. 45, Miner, employed at Cherokee Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, fined $17.00.

January 16, 1914.—Peter Grasular, Check No. 75, employed at Ashland Mine of the Ashland Coal & Coke Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, and fined $17.00.

January 16, 1914.—Felize Linze, Check No. 94, Miner, employed at Ashland Mine of the Ashland Coal & Coke Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, and fined $17.00

January 16, 1914.—Marsello Stochi, Check No. 15, Miner, employed at Cherokee Mine of the Pocohontas Consolidated Collieries Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, and fined $17.00.

January 16, 1914.—Gimi Fundi, Check No. 72, Miner, employed at Cherokee Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, and fined $17.00.

January 16, 1914.—Guiseppi Paris, Check No. 17, Miner, employed at Cherokee Mine of the Pocahontas Consolidated Collieries Company, was prosecuted for solid shooting by Isaac Murray, Inspector of the Tenth District, and fined $17.00.

January 28, 1914.—C. T. Thomas, Miner, employed at Black Wolf Mine of the Black Wolf Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 28, 1914.—J. R. Cumberland, Miner, employed at Black Wolf Mine of the Black Wolf Coal & Coke Co.mpany, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

January 28, 1914.—G. P. Waldron, Miner, employed at Black Wolf Mine of the Black Wolf Coal & Coke Company, was prosecuted for solid shooting by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $5.00 and costs.

June 4, 1914.—Floyd Madilla, miner, employed at War Creek Mine of the War Creek Coal Company, was prosecuted for solid shooting by E. C. Lambert, Inspector of the Twelfth District, and fined $10.00.

June 4, 1914.—Petro Nichles, Miner, employed at War Creek Mine of the War Creek Coal Company, was prosecuted for solid shooting by E. C. Lambert, Inspector of the Twelfth District, and fined $10.00.

June 4, 1914.—Nick Angaline, Miner, employed at War Creek Mine of the War Creek Coal Company was prosecuted for solid shooting and violation of instructions by E. C. Lambert, Inspector of the Twelfth District, fined $25.00 and costs.

June 20, 1914.—Frank Davies, Miner, employed at No. 5 Mine of the United States Coal & Coke Company, was prosecuted for violating Section 18 of the Mining Law, disregarding danger boards, by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $25.00 and costs.

June 20, 1914.—Arthur Halliday, Miner, employed at No. 5 Mine of the United States Coal & Coke Company, was prosecuted for violating Section 18 of the Mining Law, disregarding danger boards, by Lawson Blenkinsopp, Inspector of the Eleventh District, fined $25.00 and costs.

MERCER COUNTY.

July 9, 1913.—Alex Eliskey, Miner, employed at Booth-Bowen Coal & Coke Company, was prosecuted for using kerosene oil by A. Mitchell, Inspector of the Tenth District, pleaded guilty, fined $8.80.

July 9, 1914.—Miles Surich, Driver, employed at Booth-Bowen Coal & Coke Company, was prosecuted for using kerosene oil by A. Mitchell, Inspector of the Tenth District, pleaded guilty, and fined $8.80.

July 11, 1913.—Geo. Stephens, Driver, employed at Hemlock Mine of the Poca Cons. Colls. Co., was prosecuted for using kerosene oil, by A. Mitchell, Inspector of the Tenth District, and fined $9.10.

July 11, 1913.—Edw. Pinkard, Driver, employed at Hemlock Mine of the Poca. Cons. Colls. Co., was prosecuted for using kerosene oil by A. Mitchell, Insector of the Tenth District, and fined $9.10.

July 11, 1913.—Vendel Watch, Miner, employed at Hemlock Mine of the Poca. Cons. Colls. Co., was prosecuted for solid shooting by A. Mitchell, Inspector of the Tenth District, and fined $14.10.

July 11, 1913.—Chas. James, Driver, employed at Hemlock Mine of the Poca. Cons. Colls. Co., was prosecuted for using kerosene oil by A. Mitchell, Inspector of the Tenth District, and fined $9.10.

MINERAL COUNTY.

February 5, 1914.—Mike Pretone, Miner, employed at Oakmont No. 1 Mine of the Abrams Creek Coal Company, was prosecuted for violating Section 16 of the Mining Law by W. B. Plaster, Inspector of the Fourth District, pleaded guilty, fined $5.00 and costs.

February 7, 1914.—Herbert White, Miner, employed at Big Vein Four Foot Mine of the Big Vein Coal Company of West Virginia, was prosecuted for violating Section 11 of the Mining Law, carrying keg of powder in the mine, by W. B. Plaster, Inspector of the Fourth District, pleaded guilty, fined $5.00 and costs.

February 7, 1914.—Roy Shanbolt, miner, employed at Big Vein Four Foot Mine of the Big Vein Coal Company of West Virginia, was prosecuted for violating Section 11 of the Mining Law, carrying keg of powder in the mine, by W. B. Plaster, Inspector of the Fourth District, pleaded guilty, fined $5.00 and costs.

MINGO COUNTY.

April 27, 1914.—Chas. Foster, Contractor in Mines, employed at Frederick Mine of the Howard Colliery Company, was prosecuted for violating Section 11 of the Mining Law, by E. C. Lambert, Inspector of the Twelfth District, fined $5.00 and costs.

TUCKER COUNTY.

April 2, 1914.—Joe Stulus, Miner, employed at Thomas No. 25 Mine of the Davis Coal & Coke Company, was prosecuted for solid shooting by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 2, 1914.—William Grakskey, Driver, employed at Thomas No. 25 Mine of the Davis Coal & Coke Company, was prosecuted for violating Section 18 of the Mining Law, tearing down a canvas in a gaseous place, by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 3, 1914.—Mike Maskalunas, Miner, employed at Thomas No. 25 Mine of the Davis Coal & Coke Co., was prosecuted for violating Sections 22 and 23 of the Mining Law, shooting coal from the solid in violation of Inspector's instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 4, 1914.—Tony Padrstis, Miner, employed at Thomas No. 25

Mine of the Davis Coal & Coke Company, was prosecuted for violating Sections 22 and 23 of the Mining Law, shooting coal from the solid in violation of Inspector's Instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 10, 1914.—Tony Seach, miner, employed at Thomas No. 25 Mine of the Davis Coal & Coke Company, was prosecuted for violating Sections 22 and 23 of the Mining Law, shooting coal from the solid in violation of Inspector's Instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 10, 1914.—Frank Ponct, Miner, employed at Thomas No. 25 Mine of the Davis Coal & Coke Company, was prosecuted for solid shooting by W. B. Plaster. Inspector of the Fourth District, fine and cost, $12.50.

April 14, 1914.—Wm. Burke, Mine Foreman, employed at Douglas No. 1 Mine of the Cumberland Coal Company, was prosecuted for violating Section 15 of the Mining Law, driving places in advance of the ventilating current, by W. B. Plaster, Inspector of the Fourth District, pleaded guilty, fined $5.00 and costs.

April 15, 1914.—John Virkutis, Miner, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company, for violating Sections 22 and 23 of the Mining Law, shooting coal from the solid in violation of Inspector's instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost, $12.50.

April 15, 1914.—Charley Virkutis, Miner, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company, was prosecuted for violating Sections 22 and 23 of the Mining Law, shooting coal from the solid in violation of Inspector's Instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost $12.50.

April 16, 1914.—Yarri Deuo, employed at Thomas No. 23 Mine of the Davis Coal & Coke Company, was prosecuted for shooting coal from the solid in violation of Inspector's instructions, by W. B. Plaster, Inspector of the Fourth District, and was acquitted.

April 16. 1914.—Mike Taurense, Miner, employed at Pendleton Run Mine of the Davis Coal & Coke Company, was prosecuted for shooting coal from the solid in violation of the Inspector's instructions, by W. B. Plaster, Inspector of the Fourth District, fine and cost $27.50.

RATES ON COAL AND COKE FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE WESTERN MARYLAND RAILWAY TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1914.

TO	Notes	Coal Cumberland Piedmont District	Coal West Virginia District	Coke West Virginia District
Boston, Mass.		$2.60 gross ton	$2.85 gross ton	$3.25 net ton
Pt. Reading		1.55 gross ton	1.80 gross ton	....
New York, N. Y.		1.95 gross ton	2.20 gross ton	2.65 net ton
Jersey City, N. J.		1.85 gross ton	2.10 gross ton	2.15 net ton
Pt. Richmond	1 & 2	1.35 gross ton	1.60 gross ton	....
Pt. Richmond	1 & 3	1.25 gross ton	1.50 gross ton	....
Pt. Richmond	4	....	....	1.65 gross ton
Philadelphia		1.60 gross ton	1.85 gross ton	1.85 net ton
Baltimore, Md.		1.60 gross ton	1.85 gross ton	1.60 net ton
Pt. Covington	1 & 2	1.35 gross ton	1.60 gross ton	....
Pt. Covington	1 & 3	1.18 gross ton	1.43 gross ton	....
Sandusky, O.	6 B	1.45 net ton	1.25 net ton	1.95 net ton
Sandusky, O. (For reshipments by Lakes)	6 A	1.12 net ton	....	....
Chicago, Ill.		2.05 net ton	1.90 net ton	2.50 net ton
St. Louis, Mo.		2.50 net ton	2.35 net ton	....

NOTE—(1) When dumped over coal piers and delivered to vessels.

(2) For points inside capes

(3) For points outside capes.

(4) When for export.

(5) For points in Baltimore Harbor in Chesapeake Bay, "inside the Chesapeake Capes."

(6) For points outside Chesapeake Capes.

(A) Applies only in cargo coal F. O. B. cars on Dock for reshipment by Lake. The charge for transferring coal from cars to vessel is 5 cents tons of 2,000 lbs. and will be in addition to above rates.

(B) Applies on coal F. O. B. cars on Dock to be used for fuel for vessels. The charge for transferring coal from cars to bunkers of vessels are as follows; and will be in addition to the above rates:

Vessels taking coal cargoes........................ 11c per 2000
Vessels not taking coal cargoes........................ 19c per 2000
Vessels not taking coal cargoes (When coal is wheeled aboard .... 35c per 2000

RATES ON COAL AND COKE FROM MINES LOCATED ON THE K. & M. RY. IN WEST VIRGINIA TO THE PRINCIPAL MARKETING POINTS, AS OF JUNE 30, 1914.

To	Price per Net Ton.	
	Coal	Coke
Chicago, Ill.	$1.90	$2.50
Columbus, O.	.90	1.20
Detroit, Mich.	1.40	2.10
Ft. Wayne, Ind.	1.60	2.30
Grand Rapids, Mich.	1.90	2.50
Holland, Mich.	1.90	2.50
Indianapolis, Ind.	1.55	2.30
Kalamazoo, Mich.	1.85	2.50
Lafayette, Ind.	1.75	2.50
Milwaukee, Wis. (proper)	2.50	2.70
Milwaukee, Wis. (beyond)	2.00	....
Toledo, O. (proper)	1.25	1.65
Toledo, O. (for lake shipment)	1.02	....
Toledo, O. (fuel coal)	1.25	....

RATES ON COAL AND COKE FROM THE VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & O. RY. TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30, 1914.

	Commercial Coal, Lake or Tidewater Coal		Coke from various Districts to the same points	
	Kanawha District	New River District	Kanawha District	New River District
Detroit, Mich. . . . . Com.	$1.40*	$1.60*	$2.10*	$2.10*
Toledo, O. . . . . Lake	1.02*	1.17*	1.95*	1.95*
Toledo, O. . . . . Com.	1.25*	1.45*	1.95*	1.95*
Cincinnati, O. . . . . Com.	1.00*	1.10*	1.70*	1.70*
Chicago, Ill. . . . . Com.	1.90*	2.05*	2.50*	2.50*
Indianapolis, Ind. . . . . Com.	1.55*	1.65*	2.30*	2.30*
St. Paul, Minn. . . . . Com.	No Through Rates		2.70*	2.70*
Milwaukee, Wis. (proper) Com.	No Through Rates		No Through Rates	
Hamilton, O. . . . . Com.	1.15*	1.25*	1.95*	1.95*
Springfield, O. . . . . Com.	1.25*	1.45*	1.95*	1.95*
Dayton, O. . . . . Com.	1.25*	1.35*	1.95*	1.95*
Lima, O. . . . . Com.	1.25*	1.45*	1.95*	1.95*
Newport News, Va. (For beyond Capes)	1.50†	1.40†	1.75†	1.65†
Newport News Va. (Proper) . . . . Com.	1.60*	1.50*	2.00*	2.00*
Richmond, Va. . . . . Com.	1.60*	1.50*	2.00*	2.00*
Lynchburg, Va. . . . . Com.	1.60*	1.50*	1.50*	1.50*
Winston-Salem, N. C. . . . . . Com.	2.20*	2.10*	2.20*	2.10*
Manchester, Va. . . . . Com.	1.60*	1.50*	2.00*	2.00*
Emporia, Va. . . . . Com.	2.40*	2.30*	2.40*	2.30*
Mineral, Va. . . . . Com.	1.60*	1.50*	2.00*	2.00*
Jacksonville, Fla. . . . . Com.	2.85*	2.75*	3.35*	3.25*
Savannah, Ga. . . . . Com.	2.50*	2.40*	2.75*	2.65*
Covington, Va.	. . . .	. . . .	.75*	.65*
Fordwick, Va.	. . . .	. . . .	1.50*	1.50*
Fordwick, Va. . . . . Com.	. . . .	. . . .	. . . .	. . . .
Pea, Nut and Slack	.75*	.65*	. . . .	. . . .
Mine Run	.90*	.80*	. . . .	. . . .
Lump and Egg	1.05*	.95*	. . . .	. . . .
Covington, Va. . . . . Com.	. . . .	. . . .	. . . .	. . . .
Pea, Nut and Slack	.75*	.50*	. . . .	. . . .
Mine Run	.90*	.75*	. . . .	. . . .
Lump and Egg	1.00*	.90*	. . . .	. . . .

NOTE—State whether rates apply to long or short tons.
†Per ton of 2240 pounds.
*Per ton of 2000 pounds.

MR. EARL A. HENRY, *Chief of Dept. of Mines,*
Charleston, W. Va.

DEAR SIR:

In reply to your letter of September 2nd I beg to advise that the rates on coal and coke carloads from mines on the N. & W. Ry. for the period July 1st, 1913, to June 30th, 1914, were as follows:

COKE.

TO	Pocahontas Tug River and Clinch Valley Districts
Chicago, Ill.	$2.50
Joliet, Ill.	2.50
Sault Ste. Marie, Ont.	3.35
Milwaukee, Wis.	2.70
Ironton, Ohio	1.00
Hanging Rock, O.	1.00
Columbus, Ohio	1.55
Jackson, Ohio	1.25
Wellston, Ohio	1.25

COAL

TO	Pocahontas Tug River and Clinch Valley Districts	Thacker	Kenova
Norfolk, Va.	$1.50	$1.60	$1.70
Greensboro, N. C.	2.30	2.40	2.50
Charlotte, N. C.	2.35	2.45	2.55
Salisburg, N. C.	2.35	2.45	2.55
Concord, N. C.	2.35	2.45	2.55
Raleigh, N. C.	2.30	2.40	2.50
Durham, N. C.	2.20	2.30	2.40
Winston-Salem, N. C.	2.10	2.20	2.30
Graham, N. C.	2.30	2.40	2.50
Burlington, N. C.	2.30	2.40	2.50
Haw River, N. C.	2.30	2.40	2.50
Wilmington, N. C.	2.05	2.15	2.25

COAL.

TO	Pocahontas Tug River and Clinch Valley Districts	Thacker	Kenova
Fayetteville, N. C.	$2.40	$2.50	$2.60
Tarboro, N. S.	2.40	2.50	2.60
Washington, N. C.	2.05	2.15	2.25
Columbia, S. C.	2.35	2.45	2.55
Charleston, S. C.	2.15	2.25	2.35
Chicago, Ill.	2.05	1.90	1.90
Joliet, Ill.	2.05	1.90	1.90
Cincinnati, O.	1.10	1.00	1.00
Detroit, Mich.	1.60	1.40	1.40
Grand Rapids, Mich.	2.10	1.90	1.90
Kalamazoo, Mich.	2.05	1.85	1.85
South Bend, Ind.	1.95	1.80	1.80
Sandusky Docks, O.	1.12	.97*	.97*

*On dock plus 5c. per ton loading.
All per ton 2,000 lbs.
Lambert Point, Va.

†For beyond Capes per ton of 2,240 lbs.	1.40 (on pier)	1.50 (on pier)	1.60 (on pier)

Yours truly,

F. D. HOBACH,
General Coal Freight Agent.

RATES ON COAL FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & C. RY TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30TH, 1914.

TO WHAT POINT	Roaring Creek District	Upshur District	Braxton District	Elk River District
Chicago, Ill.	$1.90	$1.90	$1.90	$1.90
Indianapolis, Ind.	1.55	1.55	1.55	1.55
Columbus, O.	.90	.90	.90	.90
Toledo, O.	1.25	....	1.25	1.25
Detroit, Mich.	1.40	1.40	1.40	1.40
Milwaukee, Wis.	2.50	2.50	2.50	2.50
La Fayette, Ind.	1.75	1.75	1.75	1.40
Kokomo, Ind.	1.55	1.55	1.55	1.55
Gas City, Ind.	....	....	1.55	1.55
Greensburg, Ind.	1.55	1.55	1.55	1.55
Adrian, Mich.	1.40	1.40	1.40	1.40
St. Louis, Mo.	2.35	2.35	2.35	2.35
Cleveland, O.	1.15	1.15	1.15	1.75
Dayton, O.	1.25	1.25	1.25	1.25
Portland, Ind.	1.55	1.55	1.55	1.55
Jackson, Mich.	1.60	1.60	1.60	1.60
Pontiac, Mich.	1.80	1.80	1.80	1.80
Marion, Ind.	1.55	1.55	1.55	1.55
Saginaw, Mich.	1.90	1.90	1.90	1.90
Grand Rapids, Mich.	1.90	1.90	1.90	1.90
Bluffton, O.	1.25	1.25	1.25	1.25
Wabash, Ind.	1.65	1.65	1.65	1.65
Urbana, O.	1.25	1.25	1.25	1.25
Ft. Wayne, Ind.	1.60	1.60	1.60	1.60
Ann Arbor, Mich.	1.60	1.60	1.60	1.60
Richmond, Ind.	1.45	1.45	1.45	1.45
Lima, O.	1.25	1.25	1.25	1.25
Marion, O.	1.25	1.25	1.25	1.25
Springfield, O.	1.25	1.25	1.25	1.25
New York, N. Y.	2.20	2.20	2.20	*2.20
Philadelphia, Pa.	1.85	1.85	1.85	*1.85
Baltimore, Md.	1.85	1.85	1.85	*1.85
Reading, Pa.	1.75	1.75	1.75	*1.75
Harrisburg, Pa.	1.55	1.55	1.55	*1.55

*The rates to these points will only be applicable from Elk District to stations East of Middle Creek.

RATES ON COKE FROM THE VARIOUS DISTRICTS IN WEST VIRGINIA ON THE C. & C. RY. TO THE PRINCIPAL MARKETING POINTS AS OF JUNE 30TH, 1914.

TO WHAT POINT	Roaring Creek District	Upshur District
Chicago, Ill.	$2.50	$2.50
Indianapolis, Ind.	2.30	2.30
Columbus, O.	1.65	1.65
Toledo, O.	1.95	1.95
Detroit, Mich.	2.10	2.10
Milwaukee, Wis.	2.70	2.70
La Fayette, Ind.	2.50	2.50
Kokomo, Ind.	2.30	2.30
Granite City, Ill.	2.80	2.80
Adrian, Mich.	2.10	2.10
St. Louis, Mo.	2.80	2.80
Dayton, O.	1.95	1.95
Jackson, Mich.	2.30	2.30
Jackson, O.	1.20	1.20
Wellston, O.	1.20	1.20
Saginaw, Mich.	2.50	2.50
Grand Rapids, Mich.	2.50	2.50
Bellefontaine, O.	1.95	1.95
Washington Court House, O.	1.95	1.95
Union Furnace, O.	1.55	1.55
Ft. Wayne, Ind.	2.30	2.30
Addyston, O.	1.70	1.70
Lima, O.	1.95	1.95
Marion, O.	1.95	1.95
Springfield, O.	1.95	1.95
New Castle, Ind.	2.30	2.30
Peoria, Ill.	2.65	2.65
Benton Harbor, Mich.	2.50	2.50
Hamilton, O.	1.95	1.95
Hammond, Ind.	2.50	2.50

RATES ON COAL AND COKE, CARLOADS, FROM NEW RIVER DISTRICT IN WEST VIRGINIA, SERVED BY THE VIRGINIAN RAILWAY, TO PRINCIPAL MARKETING POINTS AS OF JUNE 30TH, 1914.

Per ton 2,000 pounds, except as noted below.

TO	From New River District	
	Coal, Carloads.	Coke. Carloads.
Sewalls Point, Va. [For export]	$1.40 [See Note]	$1.65 [See Note]
[For beyond the Capes]	1.40 [See Note]	* 2.00
Norfolk, Va.	1.50	2.00
Richmond, Va.	1.50	2.00
South Richmond, Va.	1.50	2.00
Lynchburg, Va	1.50	1.50
Roanoke, Va	1.30	.65
Emporia, Va	2.30	2.30
Winston-Salem, N. C	2.10	2.10
Greensboro, N. C	2.30	2.30
Charlotte, N. C	2.35	2.35
Salisbury, N. C	2.35	2.35
Concord, N. C	2.35	2.35
Raleigh, N. C	2.30	2.30
Durham, N. C	2.20	2.20
Graham, N. C	2.30	2.30
Burlington, N. C	2.30	2.30
Haw River, N. C	2.30	2.30
Wilmington, N. C	2.05	2.45
Fayetteville, N. C	2.40	2.40
Tarboro, N. C	2.40	2.40
Washington, N. C	2.05	2.40
Columbia, S. C	2.35	2.35
Charleston, S. C	2.15	2.50
Savannah, Ga	2.40	2.65
Jacksonville, Fla	2.75	3.25

* Includes Barge delivery.

NOTE:—Rates to Sewalls Point, Va. on coal for export or for beyond the Capes, and Coke for export, apply per ton of 2,240 pounds.

RATES ON COAL FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE B. & O. R. R. AND LATERAL LINES TO THE PRINCIPAL MARKETING POINTS, JUNE 30, 1914.

FROM TO	DELIVERY	Austen, Elk Garden Kingwood, Upper Potomac.	Belington, Clarksburg, Fairmont, Junior Monongah, Opekiska, Roaring Creek, Short Line, Upshur.	Moundsville.	Ohio River.	Gauley.
		Gross Ton	Gross Ton	Gross Ton	Gross Ton	
Baltimore, Md.....	Local	$1.60	$1.85	$1.85	$2.00	$1.85
	For reshipment inside Capes	1.35	1.60	1.60	1.75	1.60
	For reshipment outside Capes	1.18	1.43	1.43	1.58	1.43
Philadelphia, Pa...	Local	1.60	1.85	1.85	2.00	1.85
	For reshipment inside Capes	1.35	1.60	1.60	1.75	1.60
	For reshipment outside Capes	1.25	1.50	1.50	1.65	1.50
St. George, S. I...	For reshipment	1.55	1.80	1.80	No Rate	No Rate
Wilmington, Del....	Local	1.60	1.85	1.85	2.00	1.85
		Net Ton	Net Ton	Net Ton	Net Ton	Net Ton
Columbus, O.......	Local	1.15	.90	.90	.90	1.15
Sandusky, O.......	Local	1.45	1.25	1.25	1.25	1.45
Cleveland, O......	Local	1.35	1.15	1.00	1.15	1.35
Lorain, O.........	Local	1.35	1.15	1.00	1.15	1.35
Barberton, O......	Local	1.35	1.05	.95	1.05	1.35
Chicago, Ill.......	Local	2.05	1.90	1.90	1.90	2.05
Syracuse, Ind.....	Local	1.80	1.60	1.60	1.60	1.80
Cincinnati, O.......	Local	1.10	1.00	1.00	1.00	1.10
Toledo, O..........	Local	1.45	1.25	1.25	1.25	1.45
Detroit, Mich......	Local	1.60	1.40	1.40	1.40	1.60
Grand Rapids, Mich.	Local	2.10	1.90	1.90	1.90	2.10

RATE ON COKE FROM VARIOUS DISTRICTS IN WEST VIRGINIA ON THE B. & O. R. R. AND LATERAL LINES TO THE PRINCIPAL MARKETING POINTS, JUNE 30, 1914.

FROM TO	DELIVERY.	Belington, Clarksburg Coal & Coke Co. 10 Kingwood, Monongah, Moundsville, Opekiska Short Line, Western Maryland R. R.	Gauley
		Rate per 2,000 lbs.	Rate per 2,000 lbs.
Baltimore, Md	Local	[1] $1.60	[1] $1.80
Philadelphia, Pa	Local	[1] 1.85	[1] 2.05
St. George, S. I	For Reshipment	[2] 2.15	[2] 2.35
Reading, Pa	Local	[3] 1.65	[3] 1.85
Catasauqua, Pa	Local	1.80	2.00
Swedeland, Pa	Local	1.80	2.00
Harrisburg, Pa	Local	1.50	1.50
Columbus, O	Local	1.65	1.85
Cleveland, O	Local	[4] 1.60	[4] 1.80
Youngstown, O	Local	[5] 1.20	[5] 1.40
Akron, O	Local	[4] 1.50	[4] 1.70
Cincinnati, O	Local	1.70	1.80
Chicago, Ill	Local	2.50	2.70
Toledo, O	Local	[3] 1.85	[3] 2.05
Detroit, Mich	Local	2.10	2.30

[1] Rate July 1st, 1913 to Aug. 1, 1913 was $1.95 from all districts except Gauley, which was $2.15.

[2] Commercial Rate—No specific rate for reshipment.

[3] Rate July 1st to Aug. 1st, 1913 was 10c per ton higher.

[4] Rate July 1st to Aug. 1st, 1913 was 15c per ton higher.

[5] Rate July 1st to Aug. 1st, 1913 was 5c per ton higher.

THE FOLLOWING IS A LIST OF TONNAGE SHIPMENTS BY VARIOUS COMPANIES AND THREE RIVERS IN THE STATE FOR THE YEAR ENDING JUNE, 30TH, 1914.

Name of River.	*Name of Company.*	*Gross Tons.*
Kanawha	Belmont Coal Co.	45,318
Kanawha	The Black Betsey Coal and Mining Co.	154,000
Kanawha	Campbell's Creek Coal Co.	218,986
Kanawha	Chesapeake Mining Company	36,685
Kanawha	Kanawha Coal Co.	43,511
Kanawha	Hughes Creek Coal Co.	37,402
Kanawha	The Marmet Coal Co.	112,502
Kanawha	The Otto Marmet Coal & Mining Co.	102,661
Kanawha	The Plymouth Coal & Mining Co.	99,732
Kanawha	Sunday Creek Co.,	6,818
Kanawha	Winifrede Coal Co.	38,647
	Total	896,262
Monongahela	Fairmont & Cleveland Coal Co.	62,006
	Total	62,006
Ohio	W. Va.-Pittsburg Coal Co.	12.787
	Total	12.787
	Grand Total	971,055

THE FOLLOWING IS A LIST SHOWING THE COMPANIES REPORTING NO ACCIDENTS OF ANY KIND AND THE TONNAGES PRODUCED BY THEM FOR THE FISCAL YEAR ENDING JUNE 30, 1914.

Name of Company.	Production Gross Tons
A	
Abram's Creek Coal & Coke Co.	78,222
Argyle Coal Co.	18,562
Austen Coal & Coke Co.	147,547
Avon Coal Company	91,359
B	
Barnard Coal Co.	21,373
Beury Bros. Coal & Coke Co.	36,822
Big Block Coal Co.	1,922
Big Vein Coal Co.	20,025
Blue Jay Coal & Lumber Co.	12,140
Blue Ridge Coal Co.	14,254
Blume Estate, G. M.	14,601

Name of Company.	Production Gross Tons
Borgman Coal Co.	51,950
Brady Coal Co.	24,808
Branchland Coal Co.	38,432
Braxton Coal & Coke Co.	28,600
Buchanan River Coal & Coke Co.	51,798
Buffalo Colliery Co., The	131,888
Buffalo-Eagle Coal Co.	9.500

C

Carroll-Cross Coal Co.	48,792
Catawba Coal Company	13,997
Central-Fairmont Coal Co.	79,222
Central Pocahontas Coal Co.	23.995
Central West Pocahontas Coal Co.	8,921
Chesapeake Mining Co.	105,149
Clarksburg Gas Coal Co.	45,365
Coalbell Coal Co.	9,763
Coalburg Colliery Co.	100,000
Coal River Company, The	87,352
Connellsville Coal & Coke Co.	11,206
Cooper, Lessee, J. Calvin	9,747
Copen Creek Coal Co., The	26,560
Cora Coal & Coke Co.	117,077
Crawford Coal Co., H. M.	1,235
Creighton, W. F.	4,180
Crown Coal & Coke Co., The	42,320
Crystal Block Coal & Coke Co.	87,944
Cub Fork Coal Co.	9,350

D

Dakota Coal & Coke Co.	126,367
Deitz Colliery Co.	51,599
Draper Coal & Coke Co.	56,725
Dry Fork Collieries Co.	105,603
Dunn Glen Coal Co.	22,889

E

Eagle Island Coal Co.	19,564
East Bank Mining Co.	8,600
Elk Manor Coal Co.	32,958
Elliott Splint & Gas Coal Co.	50,117
*Eureka Coal Company, The (Fayette County)	24,797
*Estate of T. B. Davis	37.459
Evans & Sons	9,885

F

Fayette Coal Co.	50,008
Fire Creek Coal & Coke Co.	34,638

Name of Company.	Production Gross Tons
Fort Branch Coal Corp.	51,899
Fortune Hunter Coal Co.	23,022
Francois Coal & Coke Co.	24.861
Frieze Fork Coal Mining Co., The	18,538
G	
Gage Coal & Coke Co.	22,164
Gauley Mountain Coal & Coke Co., The	166,166
Gay Coal & Coke Co., The	126,666
George's Creek Coal Co., Inc.	17,200
Gilmer Consolidated Coal Co.	13,840
Gilmer Fuel Company	62,454
Gleason Coal & Coke Co.	49,627
Glendale Coal Co	120,486
Gorman Coal Company	28,778
Grafton Mining Co.	22,557
Graham, W. W.	12,000
Great Scott Coal & Coke Co., The	11,131
Green Coal Co., W. H.	21,000
Grey Eagle Coal Co.	52,088
Guyandotte Coal Co.	35,523
Guyan River Coal Co.	23,156
H	
Hackett Coal Co.	4,908
Hamill Coal & Coke Co.	22,358
Harrison Coal Co.	23,812
Hemlock Hollow Coal & Coke Co.	50,440
Henrietta-Poca. Coal Co.	16,965
Hickory Ash Coal Co.	55,750
Hite Coal & Coke Co.	12,277
Horse Creek Block Coal Co.	2,176
Huddleston Coal Co.,	28,000
Hughes Creek Coal Co.	115,002
Humphrey's Coal Co.	44,943
J	
Jenkins Coal Co., J. B.	60,000
Johnson Coal Mining Co., E. R.	26,373
Johnson-McIntyre Coal Co.	44,875
Jordan, S. H.	9,444
K	
Kendall Lumber Co.	9,030
Kilarm Coal & Coke Co.	24,528
Kingwood Coal Co.	45,387
Kuntz Bros. & Miller	8,300

Name of Company.	Production Gross Tons
L	
Late Coal Co., Gordon B.	11,883
Laurel Creek Coal Co., (Fayette County)	46,260
Laurel Creek Coal Co. (Barbour County)	10,903
Long Branch Coal Co.,	114,333
Long Flame Coal Co.	48,338
Lookout Coal & Coke Co.	24,054
Lynchburg Colliery Co.	79,103
M	
Magnolia Coal & Coke Co.	34,193
Manley & Zeek Coal Co.	7,421
Margaret Mining Co., The	67,591
Marmet Coal Co., The	153,203
Mary Helen Coal Co.	70,142
McCaa Coal Company	12,075
McCoy Coal Company	1,781
Mecca Colliery Co.	131,931
Michigan Coal Co.	17,767
Mill Creek Cannel Mining Co.	9,732
Mill Creek Colliery Co.	30,229
Mingo Washed Coal Company	8,982
Monongah Fuel Company	27,799
Mound Coal Company	104,029
Mount Hope Coal & Coke Co.	63,451
N	
National Coal Company	21,191
Newcomer Coal Company	4,261
Newlyn Coal Company	15,367
Newton, J. M. & D. E.	6,408
O	
Oak Forest Coal & Mining Co., The	1,228
Orr Coal Mining Company	72,915
Orr-Shields Coal Company	33,175
Overholt Coal Co.	24,000
P	
Panther Coal Company	1,891
Paragon Colliery Co.	59,793
Pardee & Curtin Lumber Co.	9,395
Parr's Run Coal Co.	70,000
Pen Mar Mining Co.	6,326
Peytona Block Coal Co.	37,439
Pittsburg Steam Coal Co.	20,250
Pocahontas Smokeless Coal Co.	41,035

Name of Company.	Production Gross Tons
Q	
Queen Shoals Coal Co.	31,109
R	
Richland Block Coal Co.	130,792
Rich Mountain Coal Co.	11,236
Robinson Coal Company	14,700
S	
Sandridge, Lee J.	64,568
Shamrock Coal Company	88,746
Small Country Mines	300,000
Smokeless Coal & Coke, The	45,700
Southern Connellsville Coal & Coke Co.	51,100
South Side Company	65,554
Southwestern Splint Fuel Co.	43,724
Spruce Bend Coal Co.	61,790
Spruce River Coal Co.	59,359
Sterling Coal Co.	17,082
Stonewall Coal & Coke Co.	74,368
Storch & Sons, Peter	8,250
Summers Coal Company, H. B.	24,000
Sunbeam Coal Co.	30,659
Superior Thacker Coal & Coke Co.	21,461
T	
Trace Fork Coal Co.	4,000
V	
Vaughan Coal Company	12,000
W	
War Creek Coal Co.	29,982
Welch Coal Company	40,461
W. Va. Pulp & Paper Co.	18,833
Weyanoke Coal & Coke Co.	152,772
White, B. H.	3,118
Wills, John	15,052
Winchester Coal Co.	22,350
Wright Coal & Coke Co.	87,704
Total	6,795,075

There are 157 Companies reporting tonnages in the above list with no accidents of any kind. The largest producer in this list is the Gauley Mountain Coal & Coke Company with 166,166 gross tons and the Marmet Coal Company is second with 153,203 gross tons. The average production of 157 companies is 43,281 gross tons. You will note there is a total production of 6,795,057 gross tons reported by the Companies on the above list.

PRODUCTION IN WEST VIRGINIA ACCORDING TO GEOLOGICAL SERIES AND COAL BEDS. Tons of 2240 lbs.

	MONONGAHELA SERIES No. 15.			CONEMAUGH SERIES No. 14 (Elk River).			ALLEGHANY-KANAWHA SERIES No. 13				
County	Sewickly	Red Stone	Pittsburg	Elk Lick	Mason	Mahoning No. 5	Upper Freeport Lewiston	Lower Freeport Coalburg	Upper Kittani'g Winifrede	Middle Kittani'g Cedar Grove	Lower Kittani'g
Barbour		389,282	183,747					264,880	260,586		
Boone											
Braxton			265,101								
Brooke			384,012					180,325			
Clay							396,411				
Fayette											
Gilmer			88,369								
Grant							101,534				
Greenbrier											
Harrison		153,303	4,944,341								
Kanawha					17,983	104,409		706,041	1,542,002	681,246	
Lewis		28,956									
Lincoln							38,432				23,156
Logan									2,203,797		
Marion	107,209		5,722,861								
Marshall			929,425								
Mason			123,630								
McDowell											
Mercer											
Mineral			38,669	97,559	58,891		257,172				235,881
Mingo								13,504	848,502		
Monongalia			266,549				133,497				
Nicholas								19,158			
Ohio			482,844								
Preston							1,215,206		15,052		50,923
Putnam			554,923								
Raleigh							73,564		588,607		
Randolph											707,649
Taylor			896,910				17,082	140,540			14,240
Tucker							354,698				844,415
Upshur		41,414	4,261		51,798						
Wayne									55,060		
Wyoming											
Total	107,209	612,955	14,885,642	97,559	128,672	104,409	2,587,596	1,364,448	5,513,606	681,246	1,876,264

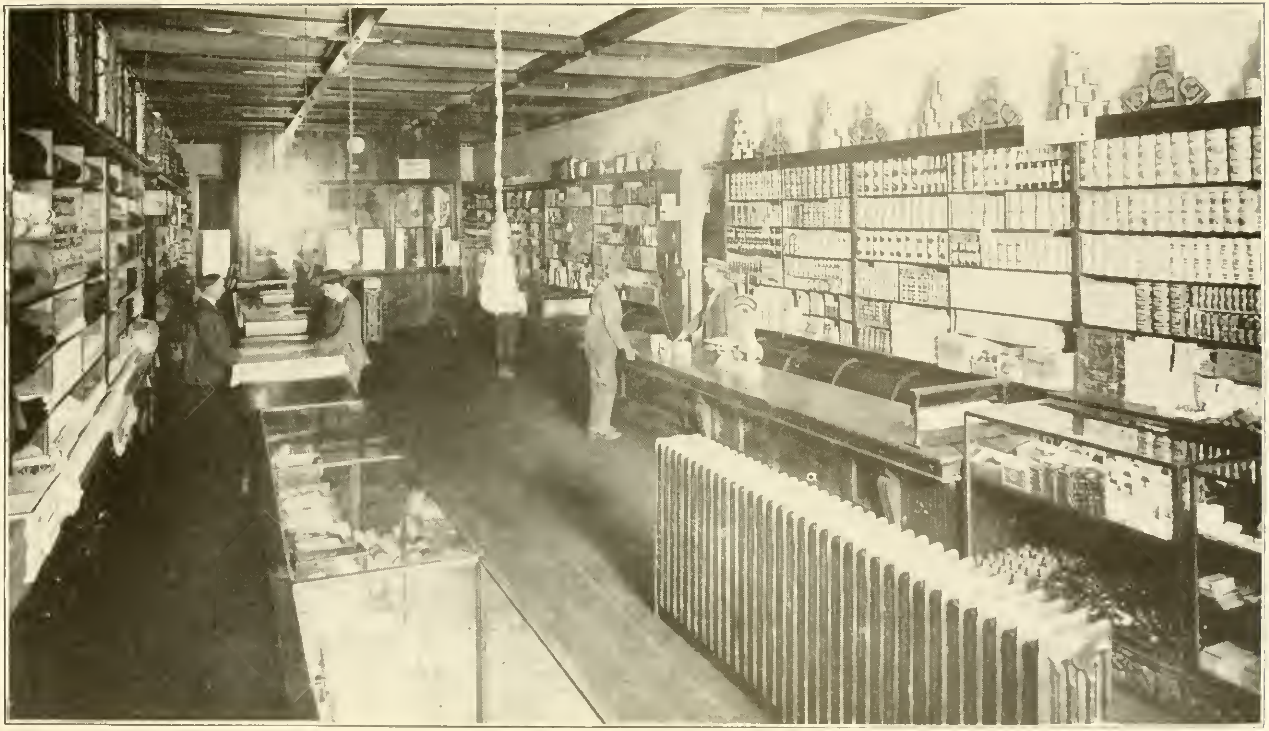
Monongahela Series No. 15	15,605,806
Conemaugh Series No. 14 (Elk River)	330,640
Allegheny-Kanawha Series No. 13	21,102,565
Pottsville-New River-Pocahontas Series No 12	28,440,077
Total	65,483,088

PRODUCTION IN WEST VIRGINIA ACCORDING TO GEOLOGICAL SERIES AND COAL BEDS.—(Continued.)

Tons of 2240 lbs.

COUNTY.	Allegheny-Kanawha Series No. 13. Lower Kittanning.					Pottsville-New River-Pocahontas Series No. 12.						
	Campbell's Creek	Thacker Davis	No. 2 Gas	Powellton	Clarion No. 1 Gas	Sewell	Welch	Quinnimont and Beckley	War Creek	Pocahontas No. 4	Pocahontas No. 3	Totals
Barbour	....	....	....	....	....	....	....	....	....	....	....	1,098,495
Boone	....	....	413,634	....	59,359	....	....	....	....	....	....	472,993
Braxton	....	....	....	....	....	....	....	....	....	....	....	265,101
Brooke	....	....	....	....	....	....	....	....	....	....	....	564,337
Clay	....	....	....	....	....	....	....	....	....	....	....	396,411
Fayette	....	....	2,027,365	520,784	1,073,108	3,986,345	....	1,079,386	....	....	....	8,686,988
Gilmer	....	....	....	....	....	....	....	....	....	....	....	88,369
Grant	....	88,212	....	....	....	....	....	....	....	....	....	189,746
Greenbrier	....	....	....	....	....	22,633	....	....	....	....	....	22,633
Harrison	....	....	....	....	....	....	....	....	....	....	....	5,097,644
Kanawha	31,964	....	820,184	248,038	916,916	....	....	....	....	....	....	5,108,783
Lewis	....	....	....	....	....	....	....	....	....	....	....	28,956
Lincoln	....	....	....	....	....	....	....	....	....	....	....	61,588
Logan	....	....	2,637,754	492,392	....	....	....	....	....	....	....	5,333,943
Marion	....	....	....	....	....	....	....	....	....	....	....	5,830,070
Marshall	....	....	....	....	....	....	....	....	....	....	....	929,425
Mason	....	....	....	....	....	....	....	....	....	....	....	123,630
McDowell	....	....	150,516	....	....	1,214,085	596,646	....	721,325	2,177,677	9,194,908	14,055,157
Mercer	....	....	....	....	....	....	....	....	....	....	2,850,499	2,850,499
Mineral	....	....	....	....	....	....	....	....	....	....	....	688,172
Mingo	....	741,786	906,776	....	....	....	....	....	....	....	....	2,510,568
Monongalia	....	....	....	....	....	....	....	....	....	....	....	400,046
Nicholas	....	....	....	....	....	77,282	....	....	....	....	....	96,440
Ohio	....	....	....	....	....	....	....	....	....	....	....	482,844
Preston	....	....	....	....	....	....	....	....	....	....	....	1,281,181
Putnam	....	....	....	....	....	....	....	....	....	....	....	554,923
Raleigh	....	....	....	....	....	879,028	....	3,525,022	....	....	....	5,066,221
Randolph	....	....	....	....	....	....	....	30,069	....	....	....	737,718
Taylor	....	....	....	....	....	....	....	....	....	....	....	1,068,772
Tucker	....	....	....	....	....	....	....	....	....	....	....	1,199,113
Upshur	....	....	....	....	....	....	....	....	....	....	....	97,473
Wayne	....	....	....	....	....	....	....	....	....	....	....	55,060
Wyoming	....	....	....	....	....	....	....	....	....	....	39,789	39,789
Total	31,964	829,998	6,956,229	1,261,214	2,049,383	6,179,373	596,646	4,634,477	721,325	2,177,677	12,085,196	65,483,088

Monongahela Series No. 15	15,605,806	Total	65,483,088
Conemaugh Series No. 14, Elk River	330,640		
Allegheny-Kanawha Series No. 13	21,102,565		
Pottsville-New River-Pocahontas Series No. 12	28,444,077		
Small Country Mines			300,000
Grand Total			65,783,088



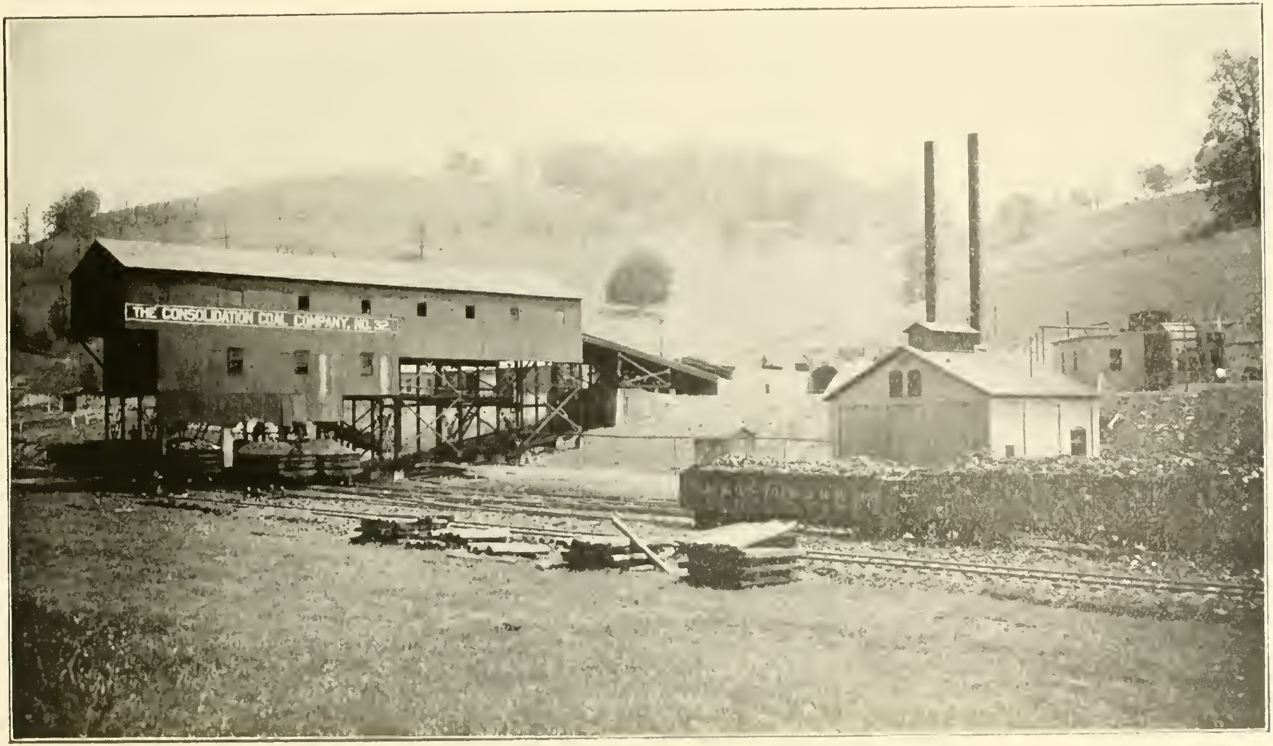
Interior of Store at No. 32 Mine.
The Consolidation Coal Co.

COAL PRODUCTION BY GEOLOGICAL SERIES AND COUNTIES, 1914.

COUNTY.	Monongahela Series No. 15	Conemaugh (Elk River) Series No. 14	Allegheny-Kanawha Series No. 13	Pottsville-New River-Pocahontas Series No. 12	Total Tons 2,240 lbs.
Barbour	573,029		525,466		1,098,495
Boone			413,634	59,359	472,993
Braxton	265,101				265,101
Brooke	384,012		180,325		564,337
Clay			396,411		396,411
Fayette			2.548,149	6,138.839	8,686.988
Gilmer	88,369				88,369
Grant			189,746		189.746
Greenbrier				22,633	22,633
Harrison	5,097,644				5,097,644
Kanawha		122,392	4,069,475	916,916	5,108,783
Lewis	28,956				28,956
Lincoln			61,588		61,588
Logan			5,333,943		5,333,943
Marion	5,830,070				5,830.070
Marshall	929,425				929,425
Mason	123,630				123,630
McDowell			150,516	13,904,641	14,055,157
Mercer				2,850,499	2,850,499
Mineral	38,669	156,450	493,053		688,172
Mingo	2,510,568				2,510,568
Monongalia	266,549		133,497		400,046
Nicholas			19,158	77,282	96,440
Ohio	482,844				482,844
Preston			1,281,181		1,281.181
Putnam	554,923				554,923
Raleigh			662,171	4,404,050	5,066,221
Randolph			707,649	30,069	737,718
Small country mines	not report'd	not report'd	not report'd	not report'd	300.000
Taylor	896,910		171,862		1,068.772
Tucker			1,199,113		1,199,113
Upshur	45,675	51,798			97.473
Wayne			55,060		55,060
Wyoming				39,789	39.789
Total	18,116,374	330,640	18,591,997	28,444,077	65,783,088

Alphabetical List of the Different Coal Companies in West Virginia by Counties, 1914

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Century Coal Co., The	Century	Barbour
Consolidation Coal Co., The	Berryburg	Barbour
Crawford, W. M. & Co	Adma	Barbour
Davis Coal & Coke Co	Weaver	Barbour
Davis Colliery Co	Junior	Barbour
Gage Coal & Coke Co	Junior	Barbour
Grafton Fuel Co	Lillian	Barbour
Green, W. H	Weaver	Barbour
Humphreys Coal Co	Philippi	Barbour
Laurel Creek Coal Co	Arden	Barbour
Luella Coal & Coke Co	Arden	Barbour
Sandridge, Lee, J., Coal Co	Meriden	Barbour
Tygarts River Coal Co	Arden	Barbour
Anchor Coal Co	High Coal	Boone
Coal River Co., The	Ottawa	Boone
Hickory Ash Coal Co., The	Sterling	Boone
Horse Creek Block Coal Co	Woodville	Boone
Peytona Block Coal Co	Peytona	Boone
Seng Creek Coal Co	Whitesville	Boone
Spruce River Coal Co., The	Ramage	Boone
Webb Coal Mining Co	Garrison	Boone
Braxton Coal & Coke Co	Gilmer	Braxton
Copen Creek Coal Co	Bower	Braxton
Davis Colliery Co	Bower	Braxton
Davis Colliery Co	Copen	Braxton
LaBelle Iron Works	Steubenville, O	Brooke
Richland Block Coal Co	Wellsburg	Brooke
West Virginia Pittsburgh Coal Co	Wellsburg	Brooke
West Virginia Pittsburgh Coal Co	Colliers	Brooke
Elliott Splint & Gas Coal Co	Clay	Clay
Elk Manor Coal Co	Dorfee	Clay
Elk River Coal & Lumber Co	Widen	Clay
Queen Shoals Coal Co	Queen Shoals	Clay
Ajax Coal Co	Fayette	Fayette
Alaska Coal & Coke Co	Claremont	Fayette
Babcock Coal & Coke Co	Cliff Top	Fayette
Ballinger Coal & Coke Co	Winona	Fayette
Beechwood Coal & Coke Co	Claremont	Fayette
Beury Bros. Coal & Coke Co	Beury	Fayette
Big Bend Coal Co	Dimmock	Fayette
Blume, G. M. (estate)	Fayette	Fayette
Blume Coal & Coke Co	Lookout	Fayette
Boomer Coal & Coke Co	Boomer	Fayette
Branch Coal & Coke Co	Elverton	Fayette
Brown Coal Co	Nuttallburg	Fayette
Cannelton Coal & Coke Co	Cannelton	Fayette
Christian Colliery Co	Mahan	Fayette
Collins Colliery Co	Glen Jean	Fayette
Columbus Iron & Steel Co., The	Marting	Fayette


THE CONSOLIDATION COAL COMPANY. NO. 32

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Deitz Colliery Co.	Wyndal	Fayette
Dunglen Coal Co.	Thurmond	Fayette
Dunn Loop Coal & Coke Co.	Dunloop	Fayette
Elmo Mining Co., The	Elmo	Fayette
Ephraim Creek Coal & Coke Co.	Thayer	Fayette
Eureka Coal Co.	Donwood	Fayette
Export Coal Co.	Export	Fayette
Evans & Sons	Mt. Carbon	Fayette
Fire Creek Coal & Coke Co.	Fire Creek	Fayette
Fort Defiance Coal & Coke Co.	Gauley Bridge	Fayette
Gauley Mountain C. & C. Co., The	Jodie	Fayette
Gauley Mountain C. & C. Co., The	Ansted	Fayette
Glendale Colliery Co.	Lawton	Fayette
Greenwood Coal Co.	Lawton	Fayette
Harvey Coal & Coke Co.	Harvey	Fayette
Hemlock Hollow Coal & Coke Co.	Lawton	Fayette
Holliday Coal Co.	Nuttallburg	Fayette
Johnson, W. R., Coal Co.	Crescent	Fayette
Johnson, W. R., Coal Co.	Smithers	Fayette
Keeneys Creek Colliery Co.	Boone	Fayette
Keeneys Creek Colliery Co.	Winona	Fayette
Laura Mining Co.	Red Star	Fayette
Laurel Creek Coal Co.	Laurel Creek	Fayette
Long Branch Coal Co.	Long Branch	Fayette
Lookout Coal & Coke Co.	Lookout	Fayette
Loup Creek Colliery Co.	Page	Fayette
Low Moor Iron Co. of Va.	Kaymoor	Fayette
Lynchburg Colliery Co.	Vanetta	Fayette
Macdonald Colliery Co.	Macdonald	Fayette
McKell Coal & Coke Co.	Derryhale	Fayette
McKell Coal & Coke Co.	Kilsyth	Fayette
M. B. Coal & Coke Co.	Kimberly	Fayette
Meadow Fork Coal Co.	Newlyn	Fayette
Mecca Colliery Co.	Eagle	Fayette
Mecca Colliery Co.	Montgomery	Fayette
Michigan Coal Co.	Fayette	Fayette
Midvale Colliery Co.	Gamoca	Fayette
Milburn Coal Co.	Milburn	Fayette
Mill Creek Colliery Co.	Ansted	Fayette
Mount Carbon Co., The, Ltd.	Powellton	Fayette
Mount Hope Coal & Coke Co.	Mt. Hope	Fayette
Newlyn Coal Co.	Newlyn	Fayette
New River Collieries Co.	Sun	Fayette
New River & Poca. Cons. Coal Co.	Layland	Fayette
New River & Poca. Cons. Coal Co.	Minden	Fayette
Nichol Colliery Co.	Glen Jean	Fayette
Nuttallburg Smokeless Fuel Co.	Nuttallburg	Fayette
Paint Creek Collieries Co.	Mahan	Fayette
Prudence Coal Co.	Prudence	Fayette
Quinnimont Coal Co.	Lawton	Fayette
Ridgeview Coal Co.	Thayer	Fayette
River Valley Colliery Co.	Hawk's Nest	Fayette
Rock Lick Coal Co.	Concho	Fayette
Rothwell Coal Co.	Dubree	Fayette
Scotia Coal & Coke Co.	Finlow	Fayette
Scotia Coal & Coke Co.	Rush Run	Fayette
Sewell Colliery Co.	Caperton	Fayette
Signal Knob Coal Co.	Ansted	Fayette
Solvay Collieries Co.	Kingston	Fayette

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Solvay Collieries Co	Westerly	Fayette
South Side Co	Caperton	Fayette
Star Coal & Coke Co., The	Red Star	Fayette
St. Clair Colliery Co	Eagle	Fayette
Stone Cliff Coal & Coke Co	Stone Cliff	Fayette
Stuart Colliery Co	Lochgelly	Fayette
Stuart Colliery Co	Summerlee	Fayette
Sugar Creek Coal & Coke Co	Mount Hope	Fayette
Sunday Creek Co	Carbondale	Fayette
Sunday Creek Co	Longacre	Fayette
Turkey Knob Coal Co	Macdonald	Fayette
White Oak Fuel Co	Carlisle	Fayette
White Oak Fuel Co	Scarbro	Fayette
White Oak Fuel Co	Whipple	Fayette
Gilmer Consolidated Coal Co	Gilmer	Gilmer
Gilmer Fuel Co	Gilmer	Gilmer
McCaa Coal Co	Gilmer	Gilmer
Buffalo Creek Cumberland C. Co	Bayard	Grant
Davis Coal & Coke Co	Thomas	Grant
Jordon, S. H	Bayard	Grant
Elk Lick Coal Co	Richwood	Greenbrier
Barnard Coal Co	Clarksburg	Harrison
Blue Ridge Coal Co	Clarksburg	Harrison
Byron Coal Co	Clarksburg	Harrison
Calif Coal Co	Lost Creek	Harrison
Central Fairmont Coal Co	Clarksburg	Harrison
Clarksburg Gas Coal Co	McWhorter	Harrison
Consolidation Coal Co., The	Gypsy	Harrison
Consolidation Coal Co., The	Haywood	Harrison
Consolidation Coal Co., The	Clarksburg	Harrison
Corona Coal & Coke Co	Clarksburg	Harrison
Fairmont & Balto. Coal & Coke Co	Adamston	Harrison
Fayette Coal Co	Dola	Harrison
Francois Coal & Coke Co	Clarksburg	Harrison
Harrison Coal Co	Rosemont	Harrison
Harry B. Coal & Coke Co	Clarksburg	Harrison
Haywood Coal Mining Co	Shinnston	Harrison
Hero Coal & Coke Co	Lumberport	Harrison
Hutchinson Coal Co	Hepzibah	Harrison
Hutchinson Coal Co	Reynoldsville	Harrison
Hutchinson Coal Co	Meadowbrook	Harrison
Hygrade Coal Co	McWhorter	Harrison
Johnson-McIntire Coal Co	Rosebud	Harrison
Lambert Run Coal Co	Meadowbrook	Harrison
Madeira Hill Clark Coal Co	Wilsonburg	Harrison
Marion Gas Coal Co	Enterprise	Harrison
Marshall Coal Co	Mt. Clare R. F. D. No. 8	Harrison
Monongah Fuel Co., The	Monongah	Harrison
National Coal Co	Dola	Harrison
Orr Coal Mining Co	Wilsonburg	Harrison
Orr Shields Coal Co	Reynoldsville	Harrison
Overholt Coal Co	Hepzibah	Harrison
Righter Coal & Coke Co	Lost Creek	Harrison
Rosebud Fuel Co	Rosebud	Harrison
Templeton Coal Co	Dola	Harrison

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Vincent Coal Co	Clarksburg	Harrison
Virginia Maryland Coal Corp	Shinnston	Harrison
Winchester Coal Co	Enterprise	Harrison
Belmont Coal Co	Crown Hill	Kanawha
Blue Creek Coal & Land Co	Charleston	Kanawha
Cabin Creek Cons. Coal Co	Kayford	Kanawha
Campbells Creek Coal Co., The	Dana	Kanawha
Cannelton Coal & Coke Co	Cannelton (Fayette Co.)	Kanawha
Carbon Coal Co	Carbon	Kanawha
Chesapeake Mining Co	Handley	Kanawha
Coalburg Colliery Co	Ronda	Kanawha
Coalburg-Kanawha Coal Co	Coalburg	Kanawha
Dry Branch Coal Co	Dry Branch	Kanawha
East Bank Mining Co	East Bank	Kanawha
Eureka Coal Co., The	Donwood	Kanawha
Graham, W. W	Big Chimney	Kanawha
Hackett Coal Co	Cedar Grove	Kanawha
Hughes' Creek Coal Co	Hugheston	Kanawha
Imperial Colliery Co	Burnwell	Kanawha
Kelly's Creek Colliery Co	Ward	Kanawha
Lewis Coal & Coke	Chelyan	Kanawha
Marmet, The, Coal Co	Marmet	Kanawha
Marmet, The, Coal Co	Monarch	Kanawha
Mill Creek Cannel Mining Co	Villa	Kanawha
Montgomery Coal Co	Montgomery	Kanawha
Morris Creek Coal Co	Heatherman	Kanawha
National Bituminous C. & C. Co	Crown Hill	Kanawha
National Bituminous C. & C. Co	Eskdale	Kanawha
Olcott Coal & Iron Co	Olcott	Kanawha
Paint Creek Collieries Co	Mucklow	Kanawha
Pen-Mar Mining Co	Big Chimney	Kanawha
Queen Shoals Coal Co	Queen Shoals	Kanawha
Quincy Coal Co	Quincy	Kanawha
Republic Coal Co	Carbon	Kanawha
Southwestern Splint Fuel Co	Crown Hill	Kanawha
Standard-Kanawha Coal Mg. Co	Quick	Kanawha
Standard Splint & Gas Coal Co	Standard	Kanawha
Sunday Creek Co	Cedar Grove	Kanawha
Sunday Creek Co	Mammoth	Kanawha
Virginia Coal Co	Coal Fork	Kanawha
Wake Forest Mining Co	Wake Forest	Kanawha
West Va. Colliery Co	Wevaco	Kanawha
Winifrede Coal Co	Winifrede	Kanawha
Wyatt Coal Co	Sharon	Kanawha
Kroger Gas Coal Co	McWhorter	Lewis
Branchland Coal Co	Branchfield	Lincoln
Guyan River Coal Co	Hubball	Lincoln
Amherst Coal Co	Amherstdale	Logan
Aracoma Coal Co	Logan	Logan
Argyle Coal Co	Yolyn	Logan
Avon Coal Co., The	Accoville	Logan
Black Hawk Colliery Co	Big Creek	Logan
Buffalo-Eagle Colliery Co	Accoville	Logan
Coal River Coal & Coke Co., The	Dobra	Logan
Coal Valley Mining Co	Clothier	Logan

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Cora Coal & Coke Co., The	Cora	Logan
Crown Coal & Coke Co., The	Crown	Logan
Cub Fork Coal Co	Yolyn	Logan
Draper Coal & Coke Co	Logan	Logan
Eagle Island Coal Co	Kistler	Logan
Ethel Coal Co., The	Ethel	Logan
Fort Branch Coal Corporation, The	Fort Branch	Logan
Frieze Fork Coal Mining Co	Ethel	Logan
Gay Coal & Coke Co., The	Logan	Logan
George's Creek Coal Co., Inc	Ethel	Logan
Guyandotte Coal Co	Kitchen	Logan
Huddleston Coal & Coke Co	Accoville	Logan
Johnson, E. R., Coal Mining Co	Hughey	Logan
Kohinoor Coal & Coke Co	Craneco	Logan
Logan Coal Co., The	Ethel	Logan
Logan Mining Co	Logan	Logan
Long Flame Coal Co	Stow	Logan
Main Island Creek Coal Co	Chauncey	Logan
Manbar Coal Co	Manbar	Logan
McGregor Coal Co	Slagle	Logan
Mifflin Coal Co	Clothier	Logan
Monitor Coal & Coke Co	Logan	Logan
Opperman Coal Co., The	Blair	Logan
Paragon Colliery Co	Yolyn	Logan
Rex Coal & Coke Co	Ethel	Logan
Rich Creek Coal Co	Manbar	Logan
Shamrock Coal Co	Logan	Logan
Sovereign Coal Co	Sovereign	Logan
Spruce Bend Coal Co	Sharples	Logan
Spruce Valley Coal Co	Blair	Logan
Stone Branch Coal Co	Stone Branch	Logan
Summers, H. B., Coal Co	Crown	Logan
Sunbeam Coal Co	Fort Branch	Logan
Thomas, D. C., Coal Co	Blair	Logan
United States Coal & Oil Co	Holden	Logan
Va.-Buffalo Coal Co	Amherstdale	Logan
Wilson, H. T., Coal Co	Logan	Logan
Yuma Coal & Coke Co., The	Logan	Logan
Catawba Coal Co	Catawba	Marion
Consolidation Coal Co., The	Fairmont	Marion
Dakota Coal & Coke Co	Fairmont	Marion
Fairmont & Cleveland Coal Co	Rivesville	Marion
Federal Coal & Coke Co	Grant Town	Marion
Four States Coal & Coke Co	Worthington	Marion
Harry B. Coal Co	Monongah, R. F. D. No. 8	Marion
Jamison Coal & Coke Co	Fairmont	Marion
Jamison Coal & Coke Co	Farmington	Marion
Kilarm Coal & Coke Co	Monongah	Marion
Manley & Zeek	Monongah	Marion
McCoy Coal Co	Fairmont	Marion
New Central Coal Co	Baxter	Marion
Phillips Coal Co	Fairmont	Marion
Robinson Coal Co	Fairmont	Marion
Virginia & Pittsburg C. & C. Co	Fairmont	Marion
Ben Fraunklin Coal Co	Moundsville	Marshall
Glendale Coal Co	Glendale	Marshall
Hitchman Coal & Coke Co	Benwood	Marshall

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Kunz Bros. & Miller	Benwood	Marshall
Mound Coal Co	Moundsville	Marshall
Parr's Run Coal Co	Moundsville	Marshall
Wheeling Steel & Iron Co	Benwood	Marshall
Hutchinson Coal Co	Mason	Mason
Jackson Coal & Mining Co	Hartford	Mason
Newton, J. M. & D. E., Co	Hartford	Mason
Algoma Coal & Coke Co	Algoma	McDowell
Arlington Coal & Coke Co	McDowell	McDowell
Ashland Coal & Coke Co	Ashland	McDowell
Black Wolf Coal & Coke Co	Dearing	McDowell
Bottom Creek Coal & Coke Co	Vivian	McDowell
Buchanan Coal Co	Yukon	McDowell
Carter Coal Co	Coalwood	McDowell
Central Poca Coal Co	Anawalt	McDowell
Central West Poca Coal Co	Lex	McDowell
Cirrus Coal & Coke Co	Big Four	McDowell
Columbus Poca Coal Co., The	Iaeger	McDowell
Crozer Coal & Coke Co	Elkhorn	McDowell
Davy-Poca Coal Co	Roderfield	McDowell
Dry Fork Colliery Co	Yukon	McDowell
Elkhorn Coal & Coke Co	Maybeury	McDowell
Elk Ridge Coal & Coke Co	Northfork	McDowell
Empire Coal & Coke Co., The	Landgraff	McDowell
Eureka Coal & Coke Co	Eckman	McDowell
Excelsior-Poca. Coal Co	Excelsior	McDowell
Flannigan Coal Co	Roderfield	McDowell
Flat Top Coal Mining Co	English	McDowell
Fortune Hunter Coal Co	Northfork	McDowell
Gilliam Coal & Coke Co	Gilliam	McDowell
Greenbrier Coal & Coke Co	McDowell	McDowell
Hemphill Colliery Co	Welch	McDowell
Henrietta Poca. Coal Co	Bartley	McDowell
Houston Coal & Coke Co	Elkhorn	McDowell
Houston Collieries Co	Kimball	McDowell
Indian Ridge Coal & Coke Co	Worth	McDowell
J. B. B. Coal Co	Twin Branch	McDowell
John's Branch Coal Co	War	McDowell
Keystone Coal & Coke Co	Keystone	McDowell
Kimball-Poca Coal Co	Big Four	McDowell
King Coal Co., The	Vivian	McDowell
Lake Superior Coal Co	Superior	McDowell
Lathrop Coal Co	Panther	McDowell
Lynchburg Coal & Coke Co	Kyle	McDowell
McDowell Coal & Coke Co	McDowell	McDowell
Mohawk Coal & Coke Co	Mohawk	McDowell
New-Poca Coal Co	Deegans	McDowell
New River & Poca Cons. Coal Co	Berwind	McDowell
Oregon Coal Co	Hemphill	McDowell
Page Coal & Coke Co	Pageton	McDowell
Panther Coal Co	Panther	McDowell
Peerless Coal & Coke Co	Vivian	McDowell
Pocahontas Cons. Collieries Co	Maybeury	McDowell
Pocahontas Cons. Collieries Co	Pocahontas, Va	McDowell
Pocahontas Domestic Coal Co	War	McDowell
Poca-Smokeless Coal Co	Welch	McDowell
Powhatan Coal & Coke Co	Powhatan	McDowell

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Premier Poca Collieries Co	Premier	McDowell
Pulaski Iron Co	Eckman	McDowell
Roanoke Coal & Coke Co	Worth	McDowell
Shawnee Coal & Coke Co	Eckman	McDowell
Solvay Collieries Co	Big Sandy	McDowell
Solvay Collieries Co	Marytown	McDowell
Standard Poca Coal Co., The	Capels	McDowell
Superior Poca Coal Co	Davy	McDowell
Tidewater Coal & Coke Co., The	Vivian	McDowell
Turkey Gap Coal & Coke Co	Ennis	McDowell
United States Coal & Coke Co	Gary	McDowell
Upland Coal & Coke Co	Elkhorn	McDowell
Vaughan Coal & Coke Co	Roderfield	McDowell
War Creek Coal Co	War	McDowell
Welch Coal & Coke Co	Welch	McDowell
West Va.-Poca Coal Co	Leckie	McDowell
Yukon-Poca Coal Co	Yukon	McDowell
Zenith Coal & Coke Co	Crumpler	McDowell
American Coal Co	McComas	Mercer
Booth-Bowen Coal & Coke Co	Freeman	Mercer
Buckeye Coal & Coke Co	Freeman	Mercer
Crystal Coal & Coke Co	Crystal	Mercer
Ennis Coal Co	Hiawatha	Mercer
Godfrey Coal Co., Inc	Montcalm	Mercer
Louisville Coal & Coke Co	Goodwill	Mercer
Mill Creek Coal & Coke Co	Coopers	Mercer
Pawama Coal & Coke Co	Matoaka	Mercer
Pocahontas Cons. Collieries Co., Inc	Freeman	Mercer
Smokeless Coal & Coke Co., The	Hiawatha	Mercer
Solvay Collieries Co	Springton	Mercer
Thomas Coal Co., The	McComas	Mercer
Turkey Gap Coal & Coke Co	Dott	Mercer
Weyanoke Coal & Coke Co., The	Lowe	Mercer
Abram's Creek Coal & Coke Co	Oakmont	Mineral
Big Vein Coal Co. of W. Va	Shaw	Mineral
Carroll-Cross Coal Co	Emoryville	Mineral
Davis Coal & Coke Co	Thomas	Mineral
Gleason Coal & Coke Co	Gleason	Mineral
Grafton Mining Co	Blaine	Mineral
Hamill Coal & Coke Co	Blaine	Mineral
Masteller Coal Co	Beryl	Mineral
Buffalo Collieries Co., The	Chattaroy	Mingo
Crystal Block Coal & Coke Co	Rawl	Mingo
Glen Alum Coal Co	Glen Alum	Mingo
Grey Eagle Coal Co	Kermit	Mingo
Howard Colliery Co	Chattaroy	Mingo
Howard Junior Coal Co	Chattaroy	Mingo
Magnolia Coal & Coke Co	Matewan	Mingo
Margaret Mining Co	War Eagle	Mingo
Mary Helen Coal Co	Hatfield	Mingo
Mingo Washed Coal Co	Eugene	Mingo
Red Jacket Cons. Coal & Coke Co	Edgerton	Mingo
Red Jacket Cons. Coal & Coke Co	Red Jacket	Mingo
Shanklin, Jas. R., Coal Co., The	Blockton	Mingo
Sternberger, E. L., Coal Co	Goodman	Mingo
Stone Mountain Coal Corp	Matewan	Mingo

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Superior-Thacker Coal & Coke Co	Williamson	Mingo
Sycamore Coal Co	Cinderella	Mingo
Thacker Coal & Coke Co	Thacker Mines	Mingo
Thacker Coal & Coke Co	New Thacker	Mingo
War Eagle Coal Co	War Eagle	Mingo
White Star Mining Co	Merrimac	Mingo
Williamson Coal & Coke Co	Williamson	Mingo
Antler Coal Co	Uffington	Monongalia
Connellsville Coal & Coke Co	Opekiska	Monongalia
Consolidation Coal Co., The	Beechwood	Monongalia
Elkins Coal & Coke Co	Morgantown	Monongalia
Great Scott Coal & Coke Co., The	Morgantown	Monongalia
Southern Connellsville Coke Co	Cheat Haven, Pa	Monongalia
Coalbell Coal Co	Bentree	Nicholas
Pardee & Curtin Lumber Co	Curtin	Nicholas
Saxman Coal & Coke Co., The	Saxman	Nicholas
Creighton, W. F	Elm Grove	Ohio
Elm Grove Coal Co., The	Elm Grove	Ohio
LaBelle Iron Works	Steubenville, O	Ohio
Richland Coal Co	Wheeling	Ohio
Storch, Peter & Sons	Edgington Lane via Wheeling	Ohio
Whitaker-Glessner Co	Wheeling	Ohio
Austin Coal & Coke Co	Austen	Preston
Borgman Coal Co	Tunnelton	Preston
Elkins Coal & Coke Co	Kingwood	Preston
Gorman Coal & Coke Co	Austen	Preston
Hiorra Coke Co	Hiorra	Preston
Hite Coal & Coke Co	Hiorra	Preston
Irona Coal Co	Kingwood	Preston
Kendall Lumber Co	Crellin, Md	Preston
Kingwood Coal Co	Howesville	Preston
Late, Gordon B., Coal Co	Independence	Preston
Preston County Coke Co	Cascade	Preston
Preston Fuel Co	Independence	Preston
Somerset Smokeless Coal Co	Tunnelton	Preston
Va.-Maryland Coal Corporation	Newburg	Preston
Wills, John	Corinth	Preston
Black Betsey Coal & Mng. Co	Black Betsey	Putnam
Oak Forest Coal Co	Winfield	Putnam
Otto Marmet Coal & Mng. Co., The	Raymond City	Putnam
Plymouth Coal & Mng. Co	Plymouth	Putnam
Bailey-Wood Coal Co	MacAlpin	Raleigh
Beckley Coal & Coke Co	Wickham	Raleigh
Blue Jay Lumber Co	Glen Morgan	Raleigh
Clear Fork Coal Co	Jarrold's Valley	Raleigh
Cranberry Fuel Co	Sprague	Raleigh
Four States Coal & Coke Co	Dorothy	Raleigh
Gulf Coal Co	Hot Coal	Raleigh
Gulf Smokeless Coal Co	Tams	Raleigh
Lanark Coal Co	Lanark	Raleigh
Lynwin Coal Co	Winding Gulf	Raleigh
Mabscott Coal & Coke Co	Mabscott	Raleigh

NAME OF COMPANY	P. O. ADDRESS	COUNTY
Marsh Fork Splint & Gas Coal Co.	Jarrold's Valley	Raleigh
MacAlpin Coal Co	MacAlpin	Raleigh
McKell Coal & Coke Co	Oswald	Raleigh
New River Collieries Co., The	Eccles	Raleigh
Pemberton Coal & Coke Co	Affinity	Raleigh
Pemberton Fuel Co	Pemberton	Raleigh
Piney Mining Co	Stanaford	Raleigh
Price Hill Fuel Co	Macdonald	Raleigh
Raleigh Coal & Coke Co	Raleigh	Raleigh
Royal Coal Co	Prince	Raleigh
Slab Fork Coal Co	Slab Fork	Raleigh
Stonewall Coal & Coke Co	Stonewall	Raleigh
Sullivan Coal & Coke Co	Sullivan	Raleigh
White, B. H	Beckley	Raleigh
White, E. E., Coal Co	Glen White	Raleigh
Windng Gulf Colliery Co	Winding Gulf	Raleigh
Wood Peck Coal Co.	Sullivan	Raleigh
Wright Coal & Coke Co	Wright	Raleigh
Brady Coal Co	Mabie	Randolph
Davis Coal & Coke Co	Weaver	Randolph
Davis Colliery Co	Coalton	Randolph
Davis Colliery Co	Elkins	Randolph
Green, W. H	Weaver	Randolph
Jenkins, J. B., Coal & Coke Co., The	Mabie	Randolph
Rich Mountain Coal Co	Beech Run	Randolph
West Va. Pulp & Paper Co	Cass	Randolph
Davis, T. B., (Estate)	Flemington	Taylor
Grafton Coal & Coke Co	Simpson	Taylor
Maryland Coal Co. of W. Va	Simpson	Taylor
McGraw Coal Co	Simpson	Taylor
Pittsvein Coal Co	Flemington	Taylor
Rosemont Coal Co	Rosemont	Taylor
Sterling Coal Co., Ltd	Cecil	Taylor
Sunnyside Coal Co	Independence	Taylor
Winona Coal & Coke Co	Grafton	Taylor
Cooper, J. Calvin	Davis	Tucker
Cumberland Coal Co	Albert	Tucker
Davis Coal & Coke Co	Thomas	Tucker
Buckhannon River Coal & Coke Co.	Adrian	Upshur
Newcomer Coal Co	Teter	Upshur
Red Rock Fuel Co	Red Rock	Upshur
East Lynn Coal Co	East Lynn	Wayne
Mead-Pocahontas Coal Co	Mullens	Wyoming
Trace Fork Coal Co	Mullens	Wyoming

THE FOLLOWING IS A LIST SHOWING THE FATALITIES BY COUNTIES, INSIDE AND OUTSIDE, OF THE COAL MINES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

COUNTY	INSIDE														OUTSIDE											
	Falls of Roof and Slate	Mine Cars	Shaft Accidents	Locomotives	Mine Machinery	Electricity Volts		Mine Machines	Explosives	Disastrous Explosions	Mine Fires	Animals	Miscellaneous	Total	Mine Cars	Incline	Locomotives	Explosives	Tipple Accidents	Railroad Cars	Electricity Voltage		Coke Yards	Machinery	Miscellaneous	Total
						250	500														250	500				
Barbour	4													4												
Braxton	4													4												
Brooke	3													3												
Clay	1													1												
Fayette	31	7		2		2	3	1	1					47	2	2		1	2			2				9
Grant							1							1												
Harrison	15	2		1					1			1		20											1	1
Kanawha	10	2		1										13*	1											1
Lewis	1													1												
Logan	8	1		1	2	2	1		1					16				1		1						2
Marion	10	9	1	1					1					22					1	1						2
Marshall	4	1												5												
McDowell	77	13	2	5		1	2	1				1	1	103	5		1		1	2		1		1		11
Mercer	6	1												10	1					1						2
Mineral																										
Mingo	5	2		2			1	1	1		5			17	1	1									1	3
Monongalia	1	1												2				1								1
Nicholas																										
Ohio	3	1											1	5												
Preston	5													5						1						1
Putnam	2													2												
Raleigh	17	5		3		1	1	1	1	183				212					1							1
Randolph		1												1												
Taylor	3	1												1						1			1			2
Tucker	3	1					2							6												
Upshur																										
Wayne																										
Wyoming		1												1												
Totals	213	52	3	16	2	6	11	4	6	183	5	2	2	505	10	3	1	3	5	7	.....	3	1	1	2	36

THE FOLLOWING IS A LIST SHOWING COUNTIES WHERE FATAL ACCIDENTS OCCURRED, COUNTIES IN WHICH THERE WERE NO FATALITIES (*), INSIDE AND OUTSIDE OF THE COAL MINES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914, ALSO NUMBER OF MINES IN WHICH FATAL ACCIDENTS DID AND DID NOT OCCUR, AVERAGE DAYS WORKED IN MINES BY COUNTIES, NUMBER OF INSIDE AND OUTSIDE EMPLOYEES OF MINES PRODUCING FATALITIES AND THOSE WHICH HAD NONE AND THE NUMBER OF FOREIGNERS AND AMERICANS EMPLOYED AT THE ABOVE MINES.

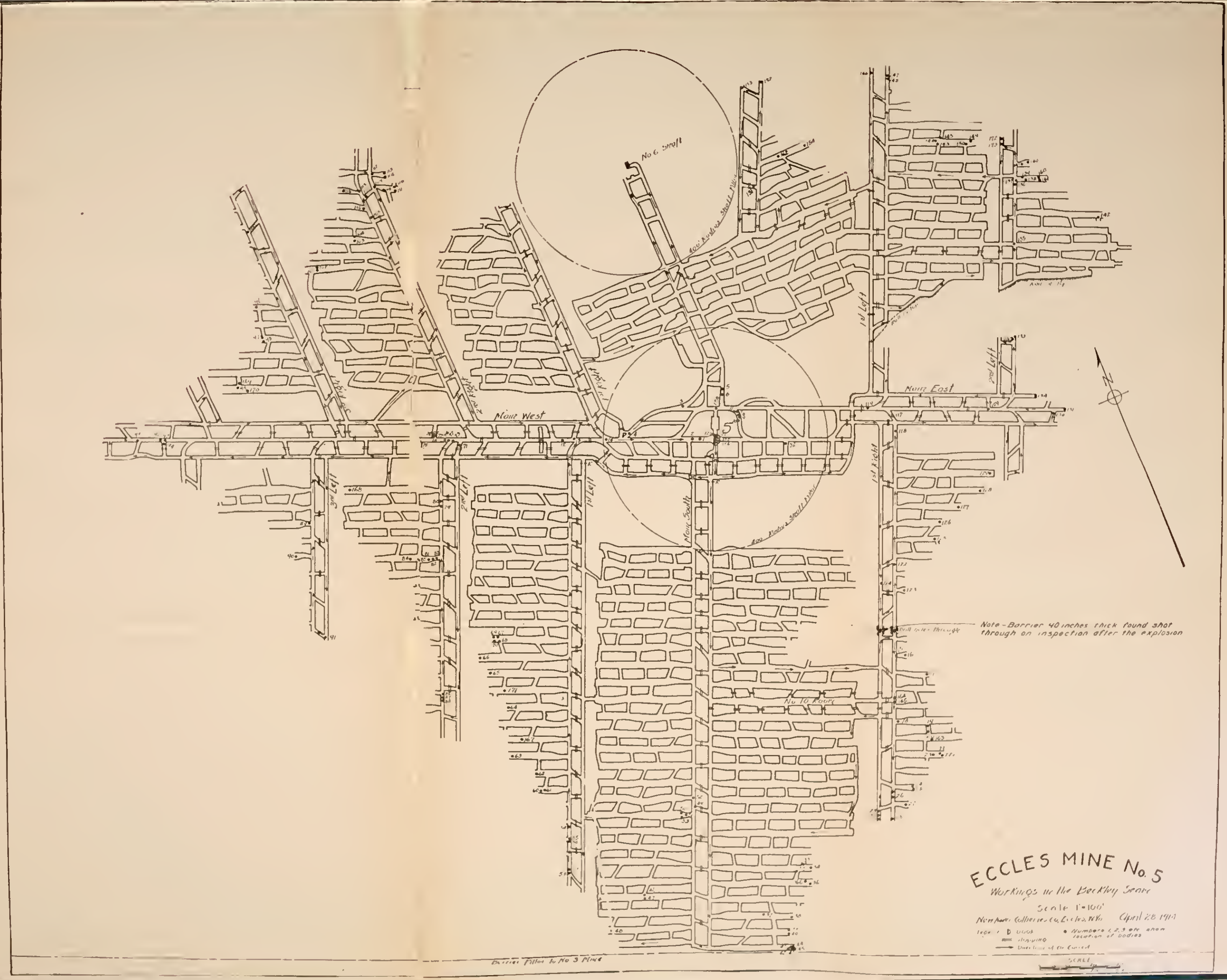
COUNTY	Coal Produced Gross Tons	Coke Produced Net Tons	Days Run	Inside Accidents	Outside Accidents	Mines where Accidents Occurred	Mines Operating	Inside Employes	Outside Employes	Foreigners	Americans
Barbour	1,098,495	25,352	216	4	0	3	15	444	51	128	367
*Boone	472,993	....	187	0.	0	0	9	545	80	90	535
Braxton	265,101	....	215	4	0	3	8	166	22	73	115
Brooke	564,337	....	256	3	0	3	5	469	75	353	191
Clay	396,411	....	298	1	0	1	4	166	32	115	83
Fayette	8,686,988	406,455	235	47	9	38	130	5,159	835	2,090	3,904
*Gilmer	88,369	....	203	0	0	0	3	99	16	30	85
Grant	189,746	....	277	1	0	1	3	90	32	87	35
*Greenbrier	22,633	....	214	0	0	0	1	23	7	30	0
Harrison	5,097,644	17,649	199	20	1	16	71	1,407	246	1,055	598
Kanawha	5,108,783	....	211	13	1	14	100	1,170	149	340	979
Lewis	28,956	....	160	1	0	1	2	40	10	35	15
*Lincoln	61,588	....	287	0	0	0	2	57	10	5	62
Logan	5,333,943	1,322	221	16	2	11	69	1,318	168	686	800
Marion	5,830,070	57,491	231	22	2	12	36	2,853	546	2,375	1,024
Marshall	929,425	....	299	5	0	2	7	408	77	307	178
*Mason	123,630	....	169	0	0	0	3	230	31	0	261
McDowell	14,055,157	769,433	214	103	11	57	127	8,660	2,289	4,216	6,733
Mercer	2,850,499	196,650	208	10	2	8	33	1,205	315	330	1,190
*Mineral	688,172	....	220	0	0	0	16	836	120	176	780
Mingo	2,510,568	....	256	17	3	10	41	1,220	256	489	987
Monongalia	400,046	102,728	284	2	1	2	8	195	69	172	92
*Nicholas	96,440	3,967	255	0	0	0	6	137	25	50	112
Ohio	482,844	....	270	5	0	2	5	469	48	394	123
Preston	1,281,181	165,053	274	5	1	6	21	596	142	245	493

Putnam	554,923	....	243	2	0	2	8	560	142	1	701
Raleigh	5,066,221	....	240	212	1	20	65	2,975	579	1,269	2,285
Randolph	737,718	152,280	252	1	0	1	15	148	75	172	51
Small Country Mines (not reported)	300,000	....	....	....	....	....	....	....	....	....	....
Taylor	1,068,772	34,100	262	4	2	4	12	824	120	622	322
Tucker	1,199,113	14,361	276	6	0	4	16	551	53	406	198
*Upshur	97,473	10,569	189	0	0	0	3	100	32	52	80
*Wayne	55,060	....	298	0	0	0	1	71	9	0	80
Wyoming	39,789	....	175	1	0	1	2	34	7	0	41
*Totals	1,706,358	14,527	225	0	0	0	44	2,098	330	433	1,995
Totals	64,076,730	1,942,874	240	505	36	222	803	31,127	6,338	15,960	21,505
Grand totals	65,783,088	1,957,401									

THE FOLLOWING IS A LIST SHOWING THE FOREIGNERS AND AMERICANS KILLED, INSIDE AND OUTSIDE OF THE COAL MINES BY COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

COUNTY	Foreigners Inside	Foreigners Outside	Americans Inside	Americans Outside
Barbour	2	..	2	..
Braxton	2	..	2	..
Brooke	3	..	..	..
Clay	1	..	..	..
Fayette	21	..	26	9
Grant	1	..	..	..
Harrison	17	..	3	1
Kanawha	5	..	8	1
Lewis	..	..	1	..
Logan	12	1	4	1
Marion	16	1	6	1
Marshall	5	..	..	..
McDowell	43	6	60	5
Mercer	4	..	6	2
Mingo	6	3	11	..
Monongalia	2	1	..	..
Ohio	5	..	..	..
Preston	2	1	3	..
Putnam	..	..	2	..
Raleigh	96	..	116	1
Randolph	1	..	..	..
Taylor	2	1	2	1
Tucker	3	..	3	..
Wyoming	..	..	1	..
Totals	249	14	256	22

Of the 78,041 employes directly connected with the production and distribution of coal and coke for the fiscal year ending June 30, 1914, 28,830 were foreigners and 49,211 Americans.



Note - Barrier 40 inches thick found shot through on inspection after the explosion

ECCLES MINE No. 5

Workings in the Beckley Seam

Scale 1"=100'

New River Collieries Co, Eccles, W.Va. April 28 1914

Legend: D Door • Numbers 1, 2, 3 etc. show location of bodies

Stopping

Direction of Air Current

THE ECCLES MINE EXPLOSION.

April 28th, 1914.

On April 28th, 1914, at 2:30 P. M., an explosion occurred in the No. 5 Shaft Mine, located at Eccles, in Raleigh County, on the Virginian Railroad, operated by the New River Collieries Company, resulting in the death of one hundred and eighty-three (183) persons, one hundred and seventy-four (174) of whom were killed in the No. 5 Mine and nine (9) in the No. 6, the two mines being connected, although working different seams of coal. The No. 5 Shaft is about five hundred and thirty-four (534) feet deep, operating the Beckley seam and the No. 6 Shaft is about two hundred and fifty-four (254) feet deep, operating the Sewell seam. These mines have been in operation for about three years and have a daily production of sixteen hundred (1,600) tons. The mines were developed on the double and triple entry systems and ventilated by a sixteen (16) foot fan, driven direct by steam engine.

The working and ventilation of the No. 5 Mine had been carefully planned, with a view of giving adequate ventilation, as required in gaseous mines, having overcasts and regulators to give the required split for each section of the mine, as explosive gas was liberated in practically all of the working places, requiring the use of canvas to properly ventilate the working faces, all of which were regularly examined by Fire Bosses, both on the day and night shifts.

Some sections of the mine were dry and, to prevent danger from this source, pipe lines were laid for the purpose of watering and allaying the dust. There could not have been a large body of standing gas in the mine as there were no old workings, nor had any pillars been drawn, and the mine was clear of falls and on the morning of the explosion the Fire Bosses' record showed that the ventilation was in good condition and the mine free from accumulations of gas, and the one hundred and seventy-four (174) men who were killed in No. 5 mine, had been working with open lights from the time they entered the mine in the morning until the explosion. Practically all of the bodies were found at or near the working places, and from their positions it would seem that death was almost instantaneous. The death of the nine (9) men who were killed in the No. 6 Shaft, was caused by the fumes which entered the mine from the No. 5 Shaft, both of which were connected with the workings in the Beckley seam, also, with the workings in the Sewell seam.

Judging from the conditions found in the No. 5 mine, after the explosion, and the evidence taken at the inquest, it was conclusive that the explosion was caused by a barrier of coal being shot out by some person a short time before the explosion occurred, as the first right entry off of main east had been driven to the south off the east entry and to the north and south off of room No. 10 off of main south entry.

About February 1st, the entry driven to the north came within about 4 feet of the connection with the entry driven to meet it from the main east. A contractor working on the south side of the barrier was notified not to shoot down the last cut, as it would disarrange the ventilation and this barrier of coal stood intact from that time until the morning of the explosion, as testified to by the night Fire Boss who examined the same the morning of the explosion.

When the workmen reached that section after the explosion, they found that a hole about 42x 84 inches had been blasted out of this barrier and that a hole was loaded and tamped and the fuse wires exposed ready for exploding, near the left rib. The Fire Boss stated that this condition did not exist in the early morning when he made his inspection, but that the barrier of coal was intact, as it had been since February 1st.

The removing of the said barrier short circuited the ventilating current from the south entry through No. 8 room, which was connected with the north section of the first right and back through the first right, through its regular air channel to the return air shaft, leaving the advanced working of the first right and the main south headings without ventilation. It appears, from evidence, that Seth Combs, a contractor, had been negotiating with the Mine Foreman for additional places on the first right east on the north side of said barrier, in addition to what he had on the south side. After the explosion the body of Combs was found on the north side of the barrier, about one hundred and seventy-five (175) feet from the same, while his work was on the south side and it is assumed that sometime during the day he had blasted out the hole in the barrier that he might have a shorter travel way to the north section of the entry. In so doing practically one-third of the mine was left without ventilation and it seems that the explosion originated in the main south sections of the mine, as it was known to liberate explosive gas and the coal in this section, varying in thickness from eight to ten feet, would allow the gas to accumulate next to the roof, as the conditions showed this explosion was caused by the ignition of gas and its propogation throughout the various parts of the mine was aided, to some extent, by the presence of coal dust, as the force of the explosion traveled in all directions, but the greatest evidence of heat was confined to the rooms off the main south entry, in which section the bodies of the victims were horribly burnt. The conditions throughout the mine gave evidence of this being a terrific explosion as mine cars, containing two tons of coal were thrown across the entries, forming barricades which evidently turned the force of the explosion from one section of the mine to the other, the forces having seemed to have met on the run around at the bottom of the shaft, as evidenced by large timbers, mine cars and other debris, blown together at the bottom of the shaft, practically all of which had to be removed and the guides replaced before the cage could be lowered to the bottom, causing considerable delay, but the work of recovery proceeded day and night, until all of the bodies were brought to the surface.

On being informed of the explosion Governor Hatfield arranged for a special train to take him and a party to the scene, where he remained for several days and nights, during which time he traveled over practically all of the mine, giving every possible assistance to the men in charge of the work and the volunteers engaged in removing the bodies from the mine.

The mine officials took great pride in the development of this mine and were thoroughly satisfied that the same was being operated under safe conditions, as the coal was properly mined, using permissible explosives for blasting, all holes tamped with clay and shot fired by electric batteries, but this explosion fully demonstrates that this mine should have been operated exclusively by safety lamps, which would have, no doubt, prevented the explosion.

The loss of the nine (9) lives in No. 6 Shaft, has convinced many of the leading mine men that it is not a good mining practice to have two shaft mines connected.

* * * * * * * * * * *

At Eccles, May 14th, 1914, Mr. Jesse Thomas, Justice of the Peace, convened the coroner's jury and took the evidence of a large number of persons, touching upon the probable cause of the accident and the jury rendered the following verdict:

We, the jury, find that John Adams and the one hundred and seventy-three (173) other men who were killed in Shaft Mine No. 5 at Eccles, Raleigh County, West Virginia, on Tuesday, April 28th, 1914, came to their death by an explosion of gas in the said mine. And we do further find that the nine (9) men who came to their death in Shaft Mine No. 6 at Eccles, West Virginia, on the evening of Tuesday, April 28th, 1914. came to their death as a result of an explosion of gas and dust in Shaft Mine No. 5 at Eccles, West Virginia, they having been overcome by afterdamp entering Mine No. 6 after the explosion in Mine No. 5, the two mines being connected.

The accumulation of gas in Mine No. 5 which was the primary cause of the explosion, was due to a short circuit of the air in the Southern section of the mine. This gas was ignited by an open lamp and the explosion followed.

Jesse, Thomas, J. P.
M. Thomas.
Hugh Daniel.
Ward Cook.
N. S. Allen.
C. H. Fink.
J. C. Hutchinson.

Sworn to and subscribed to before me this 16th day of May, 1914.

JESSE THOMAS,
Justice of the Peace.

Respectfully submitted,
EARL A. HENRY,
Chief of Department of Mines.

MINE FIRE.

CINDERELLA MINE OF THE SYCAMORE COAL COMPANY.

This mine is located at Cinderella on a branch of the Norfolk & Western Railroad,, five miles from Williamson, in Mingo County.

On the night of June 30th, 1914, two miners, a trackman and two machine men, with the Night Foreman and a Machine Demonstrator, were at work in rooms off of first left heading, about six hundred feet from the main opening. The machine men had finished cutting one room and had moved their machine to the adjoining room, when the Night Foreman and Machine Demonstrator came to the outside. Shortly after arriving at the Mine Foreman's office they discovered that the fan house, located at the Winifrede seam, was on fire, also, a wooden chute or tunnel, constructed for the purpose of carrying a split of air from the fan to the Upper or Coalburg seam, the mine in which the men were working.

As the fan was forcing the air through the chute to the above named mine, they attempted to destroy the chute but were unable to do so before the fire had entered the mine and fired the timbers, burning out the first stopping, setting the timbers in the main opening on fire, which in turn fired the coal, making it impossible for the men on the outside to enter the mine, and a force of men was put to work driving a man way from the outside to the face of the first left heading, a distance of twenty-seven feet, which was driven to the inside early the following morning, and upon entering the mine, through this opening, they found the bodies of the five men at the faces of the working places, where they had met their death by asphyxiation from gases produced by the burning coal and timbers.

The fan was operated by electric power and, no doubt, the lives of these men could have been saved if the Mine Foreman had used sufficient judgment to short circuit the power, rather than to have attempted to destroy the chute.

Accidents of this character fully demonstrate that fan houses should be constructed of non-combustible material, especially where the fan is operated as a force fan.

Respectfully,
EARL A. HENRY,
Chief of Department of Mines.

SECOND SECTION

STATISTICAL

THE FOLLOWING TABLE EXHIBITS A COMPARATIVE STATEMENT AND SUMMARY OF THE ANNUAL REPORT FOR THE YEARS 1914 AND 1913.

	For year ending June 30, 1914.	For year ending June 30, 1913.	Increase of 1914 over 1913.	Decrease of 1914 under 1913.
Number of counties in which coal is mined on a commercial scale	33	33	....	....
Number of firms operating on a commercial scale	442	485	....	43
Number of openings of all kinds subject to the mining law	847	850	....	3
Number of tons (2,240 lbs.) of pick mined coal from commercial mines	29,541,498	28,134,552	1,406,946	....
Number of tons (2,240 lbs.) of machine mined coal from commercial mines	35,941,590	33,335,800	2,605,790	....
Total number of tons (2,240 lbs.) of coal from commercial mines	65,483,088	61,470,352	4,012,736	....
Estimate number of tons of coal from small mines (tons of 2,240 lbs.)	300,000	300,000	....	....
Total number of tons of coal from all mines (tons of 2,240 lbs.)	65,783,088	61,770,352	4,012,736	....
Number of tons of coal converted into coke (tons of 2,240 lbs)	2,907,434	3,763,077	....	855,643
Number of tons of coke manufactured (tons of 2,000 lbs.)	1,957,401	2,521,800	....	564,399
Total value of coal at the mines (tons of 2,240 lbs.)	$65,783,088	$ 61,132,648.48	$ 4,650,439.52	....
Total value of coke at the ovens (tons of 2,000 lbs.)	$ 3,914,802	$ 4,791,520.00	....	$ 876,718
Value of a ton of coal at the mines (tons of 2,240 lbs.)	$ 1.00	$ .99	.01	....
Value of a ton of coke at the ovens (tons of 2,000 lbs.)	$ 2.00	$ 1.90	.10	....
Number of mining machines in use	2,467	2,393	74	....
Average number of coke ovens in use	5,902	8,393	....	2,491
Number of days mines were in operation	226	220	6	....
Number of days ovens were in operation	252	255	....	3
Number of pick miners employed in commercial coal mines	19,924	18,320	1,604	....
Number of machine operators and miners employed in commercial coal mines	26,684	21,803	4,881	....
Number of underground laborers in commercial coal mines	18,323	17,075	1,248	....
Number of outside employes connected with the commercial coal mines	11,212	10,553	659	....
Number of coke employees	1,898	2,571	....	673
Total number of persons employed at the commercial coal mines and coke ovens	78,041	70,321	7,720	....
Number of persons killed	541	308	233	....
Number of persons injured non-fatally	870	668	202	....
Number of persons employed for each man killed	144	228	....	84
Number of persons employed for each man injured	90	105	....	15
Tons of coal mined in commercial mines for each fatality	121,041	199,579	....	78,538
Tons of coal mined in commercial mines for each non-fatality	75,268	92,021	....	16,753
Number of wives left widows	266	132	134	....
Number of children left fatherless	621	299	322	....
Acres of coal worked out	10,100	11,183	....	1,083
Tons of coal produced in commercial mines per miner (Pick and machine miners included.)	1,549	1,709	....	160
Average earnings of each pick miner per year	$ 726.67	$ 737.62	....	$ 10.95
Average earnings of each pick miner per month	$ 60.56	$ 61.47	....	$ .91
Average price per ton of 2,240 lbs. for mining R of-Mine coal	$ .49	$ .48	.01	....

TABLE SHOWING PRODUCTION OF COAL AND COKE FOR THE YEARS 1883 TO 1914 INCLUSIVE.

* YEARS.	COAL (Tons of 2,240 lbs.)	COKE (Tons of 2,000 lbs.)	YEARS.	COAL (Tons of 2,240 lbs.)	COKE (Tons of 2,000 lbs.)
1883	2,805,565	190,889	1899	16,250,150	1,950,179
1884	3,000,000	182,000	1900	18,886,911	2,496,107
1885	3,008,091	187,619	1901	20,290,991	1,932,912
1886	3,213,093	228,623	1902	23,359,083	2,249,744
1887	4,207,039	481,477	1903	22,913,698	2,483,376
1888	4,799,611	517,317	1904	26,984,715	2,276,451
1889	4,663,857	306,716	1905	31,503,029	2,738,777
1890	5,643,946	892,490	1906	37,403,474	3,534,314
1891	7,281,427	1,208,418	1907	40,040,311	3,828,649
1892	7,777,570	1,333,439	1908	39,367,010	2,978,263
1893	9,758,991	1,090,909	1909	41,671,403	3,096,561
1894	9,427,028	1,067,156	1910	52,923,708	4,217,381
1895	9,878,099	1,204,657	1911	54,033,186	2,694,047
1896	12,062,468	1,594,691	1912	59,581,774	1,992,696
1897	11,705,829	1,374,497	1913	61,770,352	2,521,800
1898	14,294,865	1,742,256	1914	65,783,088	1,957,401

* Calendar years 1883 to 1887 inclusive. Since 1887 the Coal & Coke statistics have been given for the fiscal year ending June 30th.

TABLE SHOWING THE COKE PRODUCTION BY COUNTIES FROM 1897 TO 1903 INCLUSIVE.

(Tons of 2,000 pounds.)

COUNTIES.	1897	1898	1899	1900	1901	1902	1903
Barbour	....	1,350	5,980	12,579	12,666	15,682	20,991
Fayette	329,089	394,052	454,999	481,699	442,411	515,398	437,090
Harrison	....	5,119	5,871	15,994	5,190	16,572	62,382
Kanawha	20,132	21,578	10,983	32,665	30,722	29,722	25,789
Marion	142,043	149,060	155,985	298,119	118,285	210,451	282,924
McDowell	567,070	731,681	923,166	1,070,033	953,702	929,433	1,016,988
Mercer	115,522	109,061	192,962	207,277	167,769	175,083	167,567
Monongalia	2,778	12,337	5,204	17,077	5,777	19,948	30.509
Preston	19,567	28,450	34,023	46,250	6,500	18,930	34,627
Raleigh	18,454	20,007	20,398	15,460	....	....	....
Randolph	....	....	....	3,223	13,498	38,845	120,387
Taylor	....	....	....	....	....	....	....
Tucker	159,842	229,261	140,638	295,731	176,392	279,680	284,122
Upshur	....	....	....	....	....	....	....
Total	1,374,497	1,742,256	1,950,179	2,496,107	1,932,912	2,249,744	2,483,376

TABLE SHOWING THE COKE PRODUCTION BY COUNTIES FROM 1904 TO 1914 INCLUSIVE.

(Tons of 2,000 pounds.)

COUNTIES.	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Barbour	19,128	11,967	17,643	34,030	44,359	27,203	31,898	19,776	1,475	16,005	25,352
Fayette	434,919	430,163	614,428	615,577	415,425	525,154	713,540	474,481	370,517	568,418	406,455
Harrison	621	....	768	22,390	1,092	275	7,116	....	....	13,107	17,649
Kanawha	9,547	19,993	31,527	18,287	12,124	....	21,908	5,466	....	....	....
Logan	....	....	....	....	....	....	....	....	....	....	1,322
Marion	102,416	127,850	171,621	233,700	105,743	65,213	93,865	45,628	81,147	116,413	57,491
McDowell	1,170,200	1,380,805	1,699,426	1,744,819	1,681,884	1,733,479	2,235,822	1,358,800	928,545	984,312	769,433
Mercer	190,132	267,697	318,357	313,117	219,597	220,681	316,551	248,104	189,200	247,396	196,650
Monongalia	22,999	42,802	58,264	113,031	76,386	117,254	143,686	130,935	55,994	115,273	102,728
Nicholas	....	....	....	....	....	....	615	2,603	3,113	7,322	3,967
Preston	27,611	79,757	142,236	222,846	138,644	175,915	293,415	198,231	196,031	226,774	165,053
Raleigh	....	....	....	....	497	....	....	....	....	....	....
Randolph	77,077	146,243	231,616	244,054	129,273	128,401	183,405	130,694	119,513	171,919	152,280
Taylor	....	....	....	1,747	....	5,302	7,820	2,893	6,452	14,301	34,100
Tucker	221,801	231,500	253,492	262,951	149,229	97,684	173,840	76,436	40,710	29,934	14,361
Upshur	....	....	....	2,100	4,010	....	....	....	....	10,626	10,560
Totals	2,276,451	2,738,777	3,534,314	3,828,649	2,978,263	3,096,561	4,217,381	2,694,047	1,992,697	2,521,800	1,957,401

DAVIS COLLIERY CO., NO. 1 COLLIERY

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1888 TO 1897 INCLUSIVE.

(Tons of 2,240 pounds)

COUNTIES	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
Barbour	....	....	....	....	....	....	7,736	....	....	31,658
Brooke	17,108	19,203	32,857	33,999	35,046	29,375	32,445	50,013	49,623	42,198
Fayette	1,522,430	989,276	1,302,355	1,737,617	1,564,579	2,350,250	1,195,102	2,162,090	3,253,547	2,993,061
Hancock	....	....	....	....	....	....	....	....	....	33,838
Harrison	113,030	111,440	128,964	113,268	142,960	248,099	275,297	204,442	155,772	221,249
Kanawha	982,313	976,396	1,021,386	1,209,386	1,175,371	1,210,749	1,143,626	1,078,253	1,088,737	1,042,745
Logan	....	....	....	....	....	....	52,673	40,610	....	....
Marion	253,675	245,899	406,900	722,594	903,896	958,296	1,186,542	1,198,336	1,219,017	1,368,682
Marshall	59,172	84,606	110,418	118,242	166,893	110,530	84,037	137,762	148,128	162,396
Mason	85,870	126,797	129,744	116,598	123,323	141,104	92,764	171,074	101,418	111,535
McDowell	....	245,760	504,222	704,871	1,100,882	1,876,838	2,340,581	2,440,551	2,836,013	2,617,917
Mercer	762,645	744,803	744,403	1,210,723	1,175,141	1,196,574	886,942	865,379	1,308,417	873,300
Mineral	468,618	433,365	512,217	623,067	473,862	557,488	489,808	614,780	554,492	537,169
Mingo	....	....	....	....	....	....	....	95,279	111,890	267,789
Monongalia	....	6,850	28,000	46,100	70,062	97,905	62,125	47,653	52,080	31,288
Ohio	137,678	159,664	92,487	80,738	82,534	48,681	49,821	88,691	122,106	95,578
Preston	147,290	134,925	159,320	134,467	82,089	105,618	39,936	52,385	116,361	120,211
Putnam	135,100	107,325	183,184	156,856	154,962	197,733	148,474	122,057	161,555	131,522
Raleigh	....	....	....	....	....	....	48,365	84,762	89,279	63,701
Randolph	....	....	....	....	....	937	....	....	....	....
Small Mines	....	....	....	....	....	....	....	....	125,000	133,929
Taylor	66,439	177,901	68,403	83,851	74,000	68,928	72,229	86,536	43,469	178,397
Tucker	48,256	79,647	219,087	189,050	369,320	538,950	418,805	316,345	523,624	647,666
Wayne	....	....	....	....	55,920	21,839	40,720	21,101	2,000	....
Totals	4,799,611	4,663,857	5,643,946	7,281,427	7,777,570	9,758,991	9,427,028	9,878,099	12,062,468	11,705,829

TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1898 TO 1905 INCLUSIVE.

(Tons of 2,240 pounds)

COUNTIES	1898	1899	1900	1901	1902	1903	1904	1905
Barbour	48,600	63,275	73,041	226,047	394,768	525,924	690,897	556,158
Brooke	56,793	63,176	61,396	65,904	55,857	24,266	37,804	183,803
Clay	....	....	....	....	....	....	2,860	60,455
Fayette	3,960,266	4,446,469	4,547,002	5,375,702	5,724,882	4,075,324	5,650,217	6,738,343
Grant	....	....	....	....	....	28,489	113,969	167,053
Hancock	42,870	39,440	47,013	30,357	38,685	70,495	69,700	58,029
Harrison	271,554	413,150	647,430	1,088,715	1,662,144	2,108,336	2,445,202	2,560,905
Kanawha	1,213,116	1,293,068	1,456,890	1,727,115	1,863,386	1,878,752	2,792,078	3,126,638
Lincoln	....	....	....	....	12,053	53,330	31,744	7,695
Logan	....	....	....	....	....	....	....	127,616
Marion	1,639,625	2,392,983	2,925,907	2,674,553	3,172,194	2,668,914	2,785,350	3,251,999
Marshall	165,874	233,800	242,176	199,633	201,179	279,276	345,273	380,666
Mason	109,204	106,867	85,367	98,427	113,527	102,282	89,009	77,846
McDowell	3,183,529	3,516,668	4,142,102	4,219,251	4,734,199	5,249,913	5,524,376	6,810,730
Mercer	1,004,379	1,144,258	1,046,937	1,052,153	1,104,523	1,274,003	1,274,070	1,738,330
Mineral	510,757	554,286	562,667	513,772	552,181	514,582	467,613	505,171
Mingo	383,280	350,294	466,695	501,410	635,113	864,464	1,153,013	1,375,233
Monongalia	68,867	56,793	82,148	75,589	130,371	148,074	194,540	178,752
Nicholas	....	....	....	....	12,190	7,645	25,723	51,524
Ohio	96,912	119,960	96,610	115,830	148,852	129,888	101,207	91,752
Preston	169,044	277,173	403,610	434,713	449,528	574,741	689,139	651,122
Putnam	128,851	164,004	203,449	125,321	208,712	178,904	295,914	310,576
Raleigh	79,315	93,370	68,360	102,089	272,106	244,088	406,226	661,180
Randolph	....	31,975	103,207	167,883	265,687	388,487	356,531	416,834
Small Mines	140,000	150,000	150,000	175,000	180,000	180,000	170,000	180,000
Taylor	109,532	249,103	376,030	383,223	415,502	264,524	234,502	252,161
Tucker	831,497	490,038	1,098,874	938,304	1,011,435	1,078,997	1,037,758	961,293
Wayne	....	....	....	....	....	....	....	21,165
Wyoming	....	....	....	....	....	....	....	....
Totals	14,294,865	16,250,150	18,886,911	20,290,991	23,359,083	22,913,698	26,984,715	31,503,029

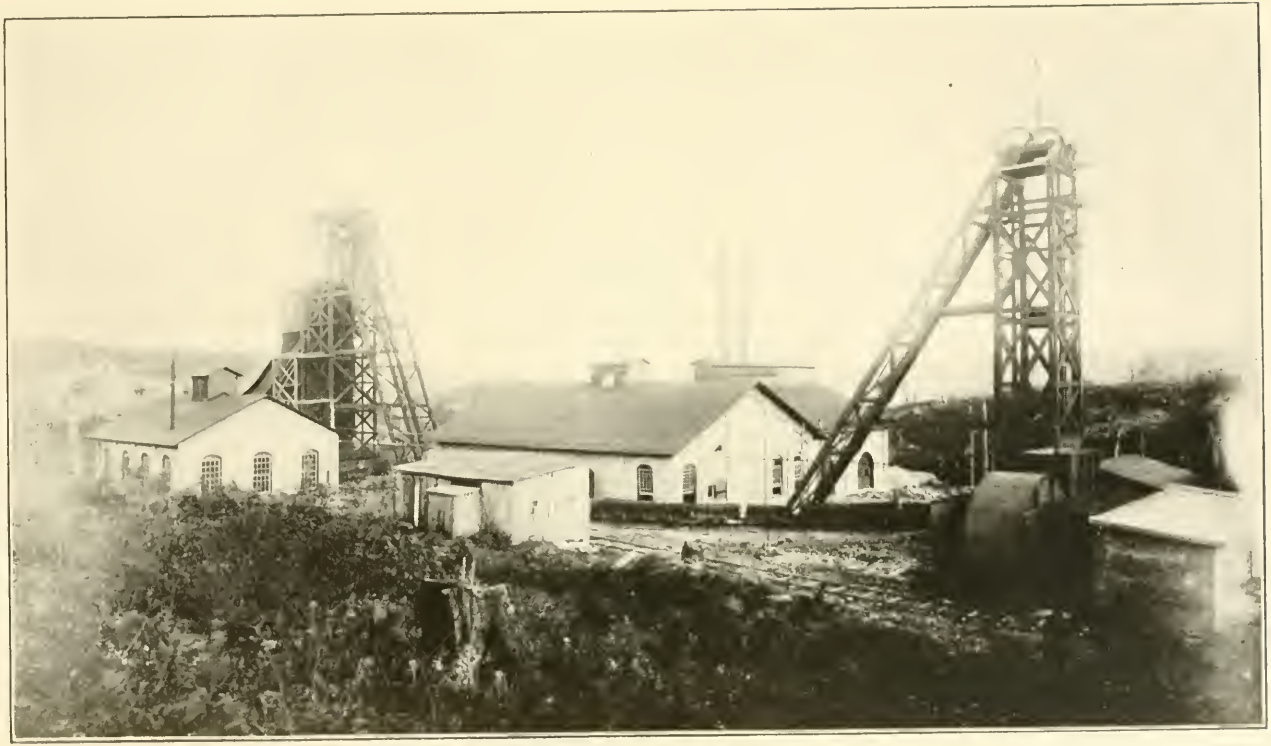
TABLE SHOWING THE COAL PRODUCTION BY COUNTIES, FROM 1906 TO 1914 INCLUSIVE.

(Tons of 2,240 pounds)

COUNTIES	1906	1907	1908	1909	1910	1911	1912	1913	1914
Barbour	638,253	776,245	829,046	735,033	895,427	792,268	756,395	964,627	1,098,495
Boone	....	....	....	3,451	50,566	69,305	329,179	324,594	472,993
Braxton	....	55,774	91,763	93,024	114,422	175,846	203,430	233,712	265,101
Brooke	378,312	526,997	458,284	119,647	433,669	608,987	680,192	575,884	564,337
Clay	66,087	60,252	42,461	25,797	36,306	92,205	181,963	266,388	396,411
Fayette	7,625,839	7,277,297	6,851,271	7,597,747	9,389,578	9,019,395	8,812,058	9,079,857	8,686,988
Gilmer	....	312	6,697	14,740	32,255	35,029	57,641	90,150	88,369
Grant	228,837	271,542	242,442	177,406	217,499	221,462	188,997	178,378	189,746
Greenbrier	....	31,978	6,066	32,296	21,688	48,819	52,358	42,853	22,633
Hancock	53,557	78,280	66,511	46,756	75,884	65,207	....	....	....
Harrison	3,030,737	3,343,319	3,168,042	3,005,689	3,708,123	3,974,058	4,529,344	4,812,472	5,097,644
Kanawha	1,086,102	1,626,101	4,523,739	4,136,213	5,754,378	5,753,470	5,606,522	3,846,288	5,108,783
Lewis	....	5,528	22,640	13,780	20,906	3,684	40,057	47,024	28,956
Lincoln	15,801	17,589	25,064	49,954	49,237	65,045	....	54,851	61,588
Logan	349,228	740,607	1,215,039	1,909,063	2,213,372	2,663,155	3,243,033	4,119,577	5,333,943
Marion	3,629,895	3,619,764	3,440,666	3,733,765	4,210,622	4,084,822	4,833,652	5,271,441	5,830,070
Marshall	411,061	560,427	369,189	233,848	475,434	509,850	664,393	711,390	929,425
Mason	108,420	93,211	109,738	106,802	145,189	209,807	139,377	112,826	123,639
McDowell	7,806,524	8,123,699	8,515,689	9,415,069	12,189,200	11,945,763	13,768,077	14,913,342	14,055,157
Mercer	2,023,460	2,009,522	1,823,674	2,103,263	2,542,867	2,533,728	2,783,866	2,829,810	2,850,499
Mineral	540,147	607,172	622,297	745,658	858,672	615,059	655,941	703,550	688,172
Mingo	1,719,233	1,867,100	1,714,807	1,617,581	2,045,420	2,036,223	2,374,563	2,271,591	2,510,568
Monongalia	196,074	292,596	271,842	235,816	414,902	464,319	382,164	426,137	440,046
Nicholas	50,921	57,412	61,806	40,556	59,445	98,257	46,135	88,342	96,440
Ohio	101,768	136,359	143,698	158,327	252,975	301,811	374,595	374,034	482,844
Preston	827,772	1,079,692	874,786	654,733	1,033,902	888,202	841,801	999,141	1,281,181
Putnam	465,341	401,413	424,424	378,420	458,229	529,588	506,470	565,028	554,923
Raleigh	823,666	1,104,676	1,259,420	1,797,812	2,547,721	3,335,417	4,581,776	4,690,744	5,066,221
Randolph	569,443	609,380	545,803	463,206	700,290	788,662	716,632	741,567	737,718
Small Mines	180,000	180,000	180,000	180,000	200,000	300,000	300,000	300,000	300,000
Taylor	398,563	416,138	396,358	437,633	583,222	634,462	731,309	893,601	1,068,772
Tucker	1,057,800	1,005,219	920,568	1,005,873	1,080,367	1,083,881	1,114,732	1,100,169	1,199,113
Upshur	5,809	39,502	76,773	60,589	70,396	56,189	37,091	59,077	97,473
Wayne	14,914	25,217	35,756	34,619	41,464	30,111	48,130	80,266	55,060
Wyoming	....	....	652	....	....	....	....	1,650	39,789
Totals	37,403,474	40,040,311	39,367,010	41,693,766	52,923,708	54,033,186	59,581,774	61,770,352	65,783,088

ORDER IN THE PRODUCTION OF COAL BY COUNTIES, 1897-1914.

COUNTIES	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Barbour	19	19	17	18	12	12	10	9	11	11	11	12	12	12	12	12	12	12
Boone	....	....	....	....	....	....	....	....	....	....	...	...	33	27	26	21	21	20
Braxton	....	....	....	....	....	....	....	....	....	....	26	23	23	23	23	22	23	23
Brooke	17	18	18	20	20	20	23	22	17	17	16	15	15	18	16	15	17	17
Clay	....	....	....	....	....	....	....	25	23	23	24	27	30	30	25	24	22	22
Fayette	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2	2	2	2
Gilmer	....	....	....	....	....	....	....	....	....	....	32	32	31	31	31	....	....	28
Grant	....	....	....	....	....	....	22	18	19	19	20	20	20	21	21	23	24	24
Greenbrier	....	....	....	....	....	....	....	....	....	....	28	28	29	32	30	27	32	33
Hancock	18	20	20	21	21	21	20	21	24	24	23	25	26	24	27	....	....	....
Harrison	9	9	8	7	5	5	4	5	5	5	5	5	5	5	5	6	4	6
Kanawha	4	4	4	4	4	4	5	3	4	3	3	3	3	3	3	3	7	5
Lewis	....	....	....	....	....	....	....	....	....	....	31	31	32	33	33	30	31	32
Lincoln	....	....	....	....	....	23	21	23	27	26	30	30	25	28	28	....	30	29
Logan	....	....	....	....	....	....	....	....	20	18	12	9	7	8	7	7	6	4
Marion	3	3	3	3	3	3	3	4	3	4	4	4	4	4	4	4	3	3
Marshall	11	12	12	12	13	16	13	14	14	15	15	18	19	16	18	16	15	14
Mason	14	14	15	16	18	19	19	20	22	21	22	22	22	22	22	25	25	25
McDowell	2	2	2	2	2	2	1	2	1	1	1	1	1	1	1	1	1	1
Mercer	5	5	5	6	6	6	6	6	6	6	6	6	6	7	8	8	8	8
Mineral	7	7	6	8	8	9	11	11	12	13	14	13	11	13	15	17	16	16
Mingo	8	8	9	9	9	8	8	7	7	7	7	7	9	9	9	9	9	9
Monongalia	20	17	19	17	19	18	17	17	18	20	19	19	18	19	19	19	19	21
Nicholas	....	....	....	....	....	22	24	24	25	25	25	26	27	26	24	29	27	26
Ohio	15	15	14	15	16	17	18	19	21	22	21	21	21	20	20	20	20	19
Preston	13	11	10	10	10	10	9	19	10	9	9	11	13	11	11	11	11	10
Putnam	12	13	13	13	15	15	16	15	15	14	18	16	17	17	17	18	18	18
Raleigh	16	16	16	19	17	13	15	12	9	10	8	8	8	6	6	5	5	7
Randolph	....	....	....	14	14	14	12	13	13	12	13	14	14	14	13	14	14	15
Taylor	10	10	11	11	11	11	14	16	16	16	17	17	16	15	14	13	13	13
Tucker	6	6	7	5	7	7	7	8	8	8	10	10	10	10	10	10	10	11
Upshur	....	....	....	....	....	....	....	....	....	....	27	24	24	25	29	31	29	27
Wayne	....	....	....	....	....	....	....	....	26	28	29	29	28	29	32	28	28	30
Wyoming	....	....	....	....	....	....	....	....	....	....	....	33	34	34	....	....	33	31



Surface Plant No. 40 Mine.
Davis Coal & Coke Co.

TABLE SHOWING A COMPARATIVE STATEMENT OF THE COAL PRODUCTION FOR 1914 AND 1913.

(Tons of 2,240 lbs.)

COUNTY	Coal Production for		Increase of 1914 Over 1913	Decrease of 1914 Under 1913
	1914	1913		
Barbour	1,098,495	964,627	133,868	....
Boone	472,993	324,594	148,399	....
Braxton	265,101	233,712	31,389	....
Brooke	564,337	575,884	....	11,547
Clay	396,411	266,388	130,023	....
Fayette	8,686,988	9,079,857	....	392,869
Gilmer	88,369	90.150	....	1,781
Grant	189,746	178,378	11,368	....
Greenbrier	22,633	42,853	....	20,220
Harrison	5,097,644	4,812,472	285,172	....
Kanawha	5,108,783	3,846,288	1,262,495	....
Lewis	28,956	47,024	....	18,068
Lincoln	61,588	54,851	6,737	....
Logan	5,333,943	4,119,577	1,214,366	....
Marion	5,830,070	5,271,441	558,629	....
Marshall	929,425	711,390	218,035	....
Mason	123,630	112,826	10,804	....
McDowell	14,055,157	14,913,342	....	858,185
Mercer	2,850,499	2,829,810	20,689	....
Mineral	688,172	703,550	....	15,378
Mingo	2,510,568	2,271,591	238,977	....
Monongalia	400,046	426,137	....	26,091
Nicholas	96,440	88,342	8,098	....
Ohio	482,844	374,034	108,810	....
Preston	1,281,181	999,141	282,040	....
Putnam	554,923	565,028	....	10,105
Raleigh	5,066,221	4,690,744	375,477	....
Randolph	737,718	741,567	....	3,849
Small Mines	300,000	300,000	....	....
Taylor	1,068,772	893,601	175,171	....
Tucker	1,199,113	1,100,160	98,953	....
Upshur	97,473	59,077	38,396	....
Wayne	55,060	80,266	....	25,206
Wyoming	39,789	1,650	38,139	....
Total	**65,783,088**	**61,770,352**	**5,396,035**	**1,383,299**

ORDER OF PRODUCTION OF COAL AND COKE BY COUNTIES FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	No. of Mines Producing Coal	Production of Coal (Tons of 2,240 lbs.)			Production of Coke (Tons of 2,000 lbs.)			Order of Production	
		First Six Months	Second Six Months	Total Coal Production for Year	First Six Months	Second Six Months	Total Coke Production for Year	COAL	COKE
Barbour	15	573,044	525,451	1,098,495	11,503	13,849	25,352	12	9
Boone	9	235,472	237,521	472,993	....	....	....	20	......
Braxton	8	133,407	131,694	265,101	....	....	....	23	......
Brooke	5	291,242	273,095	564,337	....	....	....	17	......
Clay	4	169,367	227,044	396,411	....	....	....	22	......
Fayette	130	4,465,218	4,221,769	8,686,988	226,569	179,886	406,455	2	2
Gilmer	3	44,489	43,880	88,369	....	....	....	28	......
Grant	3	105,825	83,921	189,746	....	....	....	24	......
Greenbrier	1	11,794	10,839	22,633	....	....	....	33	......
Harrison	71	2,634,108	2,463,536	5,097,644	9,833	7,816	17,649	6	10
Kanawha	100	2,591,735	2,517,048	5,108,783	....	....	....	5	......
Lewis	2	21,649	7,307	28,956	....	....	....	32	......
Lincoln	2	32,684	28,904	61,588	....	....	....	29	......
Logan	69	2,458,491	2,875,452	5,333,943	1,322	....	1,322	4	14
Marion	36	2,838,647	2,991,423	5,830,070	31,896	25,595	57,491	3	7
Marshall	7	424,459	504,966	929,425	....	....	....	14	......
Mason	3	64,285	59,345	123,630	....	....	....	25	......
McDowell	127	7,578,348	6,476,809	14,055,157	442,180	327,253	769,433	1	1
Mercer	33	1,504,250	1,346,249	2,850,499	113,896	82,754	196,650	8	3
Mineral	16	381,264	306,908	688,172	....	....	....	16	......
Mingo	41	1,281,534	1,229,034	2,510,568	....	....	....	9	......
Monongalia	8	208,262	191,784	400,046	54,753	47,975	102,728	21	6
Nicholas	6	55,311	41,129	96,440	2,293	1,674	3,967	26	13
Ohio	5	215,944	266,900	482,844	....	....	....	19	......
Preston	21	672,401	608,780	1,281,181	87,541	77,512	165,053	10	4
Putnam	8	286,235	268,688	554,923	....	....	....	18	......
Raleigh	65	2,587,762	2,478,459	5,066,221	....	....	....	7	......
Randolph	15	389,440	348,278	737,718	84,223	68,057	152,280	15	5
Small Country Mines	No Record	150,000	150,000	300,000	....	....	....	......	......
Taylor	12	514,790	553,982	1,068,772	17,613	16,487	34,100	13	8
Tucker	16	581,046	618,067	1,199,113	10,279	4,082	14,361	11	11
Upshur	3	42,477	54,996	97,473	5,280	5,280	10,560	27	12
Wayne	1	29,362	25,698	55,060	....	....	....	30	......
Wyoming	2	11,408	28,381	39,789	....	....	....	31	......
Totals	847	33,585,751	32,197,337	65,783,088	1,099,181	858,220	1,957,401	......	......

PRODUCTION AND DISTRIBUTION OF COAL AND PRODUCTION OF COKE, FATAL AND NON-FATAL ACCIDENTS BY COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

COUNTY	PRODUCTION OF COAL (Tons of 2240 lbs.)			DISTRIBUTION OF COAL (Tons of 2240 lbs.)				PRODUCTION OF COKE (Tons of 2000 lbs.)			ACCIDENTS	
	First six months	Second six months	Total coal production for year	Used in operation of mine	Furnished local trade and tenants	Used in Coke Ovens	Quantity shipped from mines	First six months	Second six months	Total for the year	Fatal	Non Fatal
Barbour	573,044	525,451	1,098,495	21,800	5,338	33,220	1,038,137	11,503	13,849	25,352	4	15
Boone	235,472	237,521	472,993	4,993	3,752	000	464,248	....	....	....	...	2
Braxton	133,407	131,694	265,101	3,747	1,457	....	259,897	....	....	....	4	2
Brooke	291,242	273,095	564,337	4,163	10,719	....	549,455	....	....	....	3	7
Clay	169,367	227,044	396,411	5,745	5,179	....	385,487	....	....	....	1	2
Fayette	4,465,218	4,221,769	8,686,988	211,855	108,098	594,941	7,772,094	226,569	179,886	406,455	56	191
Gilmer	44,489	43,880	88,369	1,824	1,505	....	85,040	....	....	....	...	...
Grant	105,825	83,921	189,746	15,103	822	....	173,821	....	....	....	1	1
Greenbrier	11,794	10,839	22,633	295	114	....	22,224	....	....	....	..	1
Harrison	2,634,108	2,463,536	5,097,644	49,522	10,715	23,704	5,013,703	9,833	7,816	17,649	21	46
Kanawha	2,591,735	2,517,048	5,108,783	83,763	61,314	10	4,963,696	....	....	....	14	61
Lewis	21,649	7,307	28,956	000	000	....	28,956	....	....	....	1	1
Lincoln	32,684	28,904	61,588	000	13,926	....	47,662	....	....	....	..	...
Logan	2,458,491	2,875,452	5,333,943	66,093	32,022	2,406	5,233,422	1,322	....	1,322	18	32
Marion	2,838,647	2,991,423	5,830,070	187,175	22,426	86,250	5,534,219	31,896	25,595	57,491	24	75
Marshall	424,459	504,966	929,425	149,052	35,812	....	744,561	....	....	....	5	5
Mason	64,285	59,345	123,630	7,724	9,921	....	105,985	....	....	....	...	2
McDowell	7,578,348	6,476,809	14,055,157	240,840	179,193	107,487	12,527,637	442,180	327,253	769,433	114	180
Mercer	1,504,250	1,346,249	2,850,199	50,954	28,275	306,843	2,464,427	113,896	82,754	196,650	12	27
Mineral	381,264	306,908	688,172	6,123	2,347	....	679,702	....	....	....	...	8
Mingo	1,281,534	1,229,034	2,510,568	70,281	28,528	....	2,411,759	....	....	....	20	21
Monongalia	208,262	191,784	400,046	3,469	4,817	151,657	240,103	54,753	47,975	102,728	3	3
Nicholas	55,311	41,129	96,440	2,042	1,010	5,707	87,681	2,293	1,674	3,967	...	2
Ohio	215,944	266,900	482,844	57,468	14,361	....	411,015	....	....	....	5	5
Preston	672,401	608,780	1,281,181	33,169	12,693	252,490	982,829	87,541	77,512	165,053	6	17
Putnam	286,235	268,688	554,923	10,674	14,558	....	529,691	....	....	....	2	9
Raleigh	2,587,762	2,478,459	5,066,221	83,067	64,588	....	4,918,566	....	....	....	213	106
Randolph	389,440	348,278	737,718	11,267	3,700	194,307	528,144	84,223	68,057	152,280	1	5
Small Country Mines	150,000	150,000	300,000	No Record	No Record	000	000	....	....	....	..	..
Taylor	514,790	553,982	1,068,772	10,067	2,183	113,672	942,850	17,613	16,487	34,100	6	21
Tucker	581,046	618,067	1,199,113	31,384	11,970	21,540	1,134,219	10,279	4,082	14,361	6	19
Upshur	42,477	54,996	97,473	1,354	1,051	13,200	81,868	5,280	5,280	10,560	...	1
Wayne	29,362	25,698	55,060	474	713	....	53,873	....	....	....	...	3
Wyoming	11,408	28,381	39,789	000	689	....	39,100	....	....	....	1	...
Total	33,435,751	32,047,337	65,783,088	1,425,487	693,796	2,907,434	60,456,371	1,099,181	858,220	1,957,401	541	870

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
BARBOUR COUNTY.												
Century Coal Company, The..	No. 1............	148,514	158,793	307,307	6,000	936	....	300,371	....	....	....	B. & O.
Century Coal Company, The..	No. 2............	37,374	44,601	81,975	....	76	....	81,899	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 37............	101,449	82,298	183,747	4,709	877	....	178,161	....	....	....	B. & O.
Crawford Coal Co., H. M....	Adma	1,235	....	1,235	....	....	....	1,235	....	....	....	B. & O.
Davis Coal & Coke Co........	Dartmoor No. 4.	77,339	72,034	149,373	1,298	255	....	147,820	....	....	....	West. Maryland
Davis Coal & Coke Co........	Weaver No. 3....	19,597	8,461	28,058	169	....	....	27,889	....	....	....	West. Maryland
Davis Colliery Company......	Junior No. 4.....	29,982	33,173	63,155	928	429	20,043	41,755	7,300	8,408	15,708	West. Maryland
Gage Coal & Coke Company..	Sara	13,063	9,101	22.164	590	393	13,177	8,004	4,203	5,441	9,644	West. Maryland
Grafton Fuel Company........	Lillian No. 1.....	19,451	20,151	39,602	510	106	....	38,986	....	....	....	B. & O.
Green, W. H..................	Williette	10,000	10,000	20,000	....	....	....	20,000	....	....	....	West. Maryland
Humphrey's Coal Company...	No. 1............	24,722	20,221	44,943	665	511	....	43,767	....	....	....	B. & O.
Laurel Creek Coal Company..	Laurel Creek....	5,710	5,193	10,903	....	....	....	10,903	....	....	....	B. & O.
Luella Coal & Coke Company..	Luella	20,430	18,430	38,860	200	100	....	38,560	....	....	....	B. & O.
Sandridge, Lee J..............	Meriden No. 1...	41,277	23,291	64,568	4,930	1,360	....	58,278	....	....	....	B. & O.
Tygarts River Coal Company..	Arden	22,901	19,704	42,605	1,801	295	....	40,509	....	....	....	B. & O.
Total........................	....	573,044	525,451	1,098,495	21,800	5,338	33,220	1,038,137	11,503	13,849	25,352	
BOONE COUNTY.												
Anchor Coal Company.........	No. 1............	49,023	47,353	96,376	673	557	....	95,146	....	....	....	C. & O.
Coal River Company, The.....	Ottawa No. 1 & 2	42,997	44,355	87,352	467	892	....	85,993	....	....	....	C. & O.
Hickory Ash Coal Co., The...	Hickory Ash.....	30,738	25,012	55,750	....	700	....	55,050	....	....	....	C. & O.
Horse Creek Block Coal Co...	Opal No. 1.......	....	2,176	2,176	80	49	....	2,047	....	....	....	C. & O.
Peytona Block Coal Company.	Peytona Block...	21,251	16,188	37,439	647	150	....	36,642	....	....	....	C. & O.
Seng Creek Coal Company....	Seng Creek......	30,356	32,480	62,836	1,012	477	....	61,347	....	....	....	C. & O.
Spruce River Coal Co., The...	Ramage No. 1....	25,198	34,161	59,359	602	464	....	58,293	....	....	....	C. & O.
Webb Coal Mining Company..	Webb	35,909	35,796	71,705	1,512	463	....	69,730	....	....	....	C. & O.
Total	....	235,472	237,521	472,993	4,993	3,752	....	464,248	....	....	....	

BRAXTON COUNTY.											
Braxton Coal & Coke Co.	Braxton	15,600	13,000	28,600	....	85	....	28,515	....	....	....	C. & C.
Copen Creek Coal Co., The.	Vanwith No. 3 & 4	12,410	14,150	26,560	821	....	....	25,739	....	....	....	C. & C.
Davis Colliery Company	Bower No. 10, Nos. 3-5-7 openings	65,518	68,908	134,426	2,654	666	....	131,106	....	....	....	C. & C.
Davis Colliery Company	Copen No. 11	39,879	35,636	75,515	272	706	....	74,537	....	....	....	C. & C.
Total	....	133,407	131,694	265,101	3,747	1,457	....	259,897	....	....	....	
BROOKE COUNTY.											
LaBelle Iron Works	La Belle Shaft	89,525	90,800	180,325	....	....	....	180,325	....	....	....	None. Prod. used at mill.
Richland Block Coal Co.	Beech Bottom	56,965	73,827	130,792	....	955	....	129,837	....	....	....	B. & O.
West Virginia-Pittsburgh Coal Co.	La Belle No. 4	37,086	34,127	71,213	....	9,529	....	61,684	....	....	....	P., C., C. & St. L.
West Virginia-Pittsburgh Coal Co.	Gilchrist No. 3	24 820	16,877	41,697	773	22	....	40,902	....	....	....	P., C., C. & St. L.
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1	82,846	57,464	140,310	3,390	213	....	136,707	....	....	....	P., C., C. & St. L.
Total	....	291,242	273,095	564,337	4,163	10,719	....	549,455	....	....	....	
CLAY COUNTY.											
Elk Manor Coal Company	Elk Manor	16,324	16,634	32,958	600	600	....	31,758	....	....	....	C. & C.
Elliott Splint Coal Company	York No. 1	19,396	30,721	50,117	1,100	3,000	....	46,017	....	....	....	C. & C.
Elk River Coal & Lumber Co.	Rich Run	124,889	165,812	290,701	3,805	1,309	....	285,587	....	....	....	Buffalo Creek & Gauley
Queen Shoals Coal Company	Burnzwell	8,758	13,877	22,635	240	270	....	22,125	....	....	....	C. & C.
Total	....	169,367	227,044	396,411	5,745	5,179	....	385,487	....	....	....	
FAYETTE COUNTY.											
Ajax Coal Company	Ajax No. 1	12,822	14,682	27,504	....	539	....	26,965	....	....	....	C. & O.
Alaska Coal & Coke Co.	Alaska	13,825	7,730	21,555	260	175	....	21,120	....	....	....	C. & O.
Babcock Coal & Coke Co.	No.s. 3 & 4	28,219	33,956	62,175	2,067	2,259	34,397	23,452	11,974	9,351	21,325	C. & O.
Ballinger Coal Company	No. 1	16,003	21,389	37,392	67	1,060	....	36,265	....	....	....	C. & O.
Beechwood Coal & Coke Co.	No. 1	33,728	27,754	61,482	825	880	....	59,777	....	....	....	C. & O.
Beechwood Coal & Coke Co.	No. 2	15,992	15,950	31,942	530	200	....	31,212	....	....	....	C. & O.
Beury Bros. Coal & Coke Co.	Echo	18,083	18,739	36,822	960	360	....	35,502	....	....	....	C. & O.
Big Bend Coal Company	Big Bend	8,596	11,702	20,298	350	275	....	19,673	....	....	....	C. & O.
Blume Coal & Coke Co.	Blume	25,501	25,849	51,353	1,500	600	....	49,253	....	....	....	C. & O.
Boomer Coal & Coke Co.	No. 1	....	21,356	21,356	....	....	....	21,356	....	....	....	C. & O.
Boomer Coal & Coke Co.	No. 2 North	112,947	78,024	190,971	44	13	....	190,914	....	....	....	K. & M.
Boomer Coal & Coke Co.	No. 2 South	60,527	44,458	104,985	7 571	134	....	97,280	....	....	....	K. & M.
Boomer Coal & Coke Co.	No. 3	63,375	41,694	105,069	7	536	....	104,526	....	....	....	K. & M.
Boomer Coal & Coke Co.	No. 4	140,466	20,418	160,914	32	....	....	160,882	....	....	....	K. & M.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Boomer Coal & Coke Co.	No. 5	6,987	32,269	39,256	....	2,712	....	36,544	....	....	....	K. & M.
Blume Estate, G. M.	Fayette	4,746	9,855	14,601	587	....	....	14,014	....	....	....	C. & O.
Branch Coal & Coke Co.	Elverton	25,594	34,319	59,913	1,500	500	23,219	34,694	7,785	7,819	15,602	C. & O.
Brown Coal Company	Brown	33,763	38,825	72,588	600	500	....	71,488	....	....	....	C. & O.
Cannelton Coal & Coke Co.	No. 2	136,967	92,666	229,633	....	2,130	....	227,503	....	....	....	K. & M.
Cannelton Coal & Coke Co.	No. 3	9,932	3,186	13,118	....	....	....	13,118	....	....	....	K. & M.
Cannelton Coal & Coke Co.	No. 4	23,710	22,851	46,561	....	....	....	46,561	....	....	....	K. & M.
Christian Colliery Company	Eagle	38,800	36,100	74,900	2,400	800	....	71,700	....	....	....	C. & O.
Christian Colliery Company	Powellton	10,700	14,400	25,100	....	....	....	25,100	....	....	....	C. & O.
Collins Colliery Company	Nos. 1, 2, 3 & 4	61,305	53,515	114,820	5,350	957	....	108,513	....	....	....	C. & O.
Columbus Iron & Steel Co., The	No. 1	80,292	59,595	139,887	4,415	1,252	55,770	78,450	20,670	15,876	36,546	K. & M.
Deitz Colliery Company	No. 2 Gas & No. 5 Splint	24,117	27,482	51,599	400	700	....	50,499	....	....	....	C. & O.
Dun Glen Coal Company	Dun Glen	12,348	10,541	22,889	....	350	....	22,539	....	....	....	C. & O.
Dunn Loop Coal Company	Klondike	98,568	93,472	192,040	3,840	1,094	....	187,105	....	....	....	C. & O.
Elmo Mining Company, The	Elmo	10,903	15,438	26,341	1,560	300	....	24,181	....	....	....	C. & O.
Ephraim Creek Coal & Coke Company	Buffalo & Slater	69,795	64,525	134,320	2,190	1,424	....	130,706	....	....	....	C. & O.
Eureka Coal Company, The	No. 2	21,162	3,635	24,797	3,212	1,048	....	20,537	....	....	....	C. & O.
Evans & Sons	Gt. Kan. Col. Co.	7,274	2,611	9,885	1,080	100	....	8,705	....	....	....	C. & O.
Export Coal Company	Export	12,061	12,302	24,363	300	200	....	23,863	....	....	....	C. & O.
Fire Creek Coal & Coke Co.	Buffalo	17,223	17,415	34,638	3,781	640	19,845	10,372	7,039	6,296	13,335	C. & O.
Fort Defiance Coal Company	Fort Defiance	21,964	28,393	50,357	1,072	536	....	48,749	....	....	....	C. & O.
Gauley Mountain C. & C. Co., The	Scotia & Turkey Creek	72,701	78,585	151,286	6,404	....	38,908	105,974	10,166	14,468	24,634	C. & O.
Gauley Mountain C. & C. Co., The	Buck Run	2,856	12,024	14,880	750	....	....	14,130	....	....	....	C. & O.
Glendale Colliery Company	Buck Lick	14,734	15,128	29,862	415	591	....	28,856	....	....	....	C. & O.

Greenwood Coal Co., The	Greenwood	49,262	47,481	96,743	203	2,230	....	94,310	....	....	....	C. & O.
Harvey Coal & Coke Co.	Harvey	75,576	75,577	151,153	4,413	766	....	145,974	....	....	....	C. & O.
Hemlock Hollow Coal & Coke Company	Hemlock	23,841	26,599	50,440	....	4,166	....	46,274	....	....	....	C. & O.
Holliday Coal Company	Keeney's Creek	17,537	15,448	32,985	50	130	....	32,805	....	....	....	C. & O.
Johnson Coal Company, W. R.	Crescent	11,785	3,537	15,322	....	4,000	....	11,322	....	....	....	C. & O.
Johnson Coal Company, W. R.	Oakland	57,691	49,884	107,575	3,210	1,500	....	102,865	....	....	....	C. & O.
Keeney's Creek Colliery Co.	Smokeless	30,623	21,416	52,039	1,800	800	....	49,439	....	....	....	C. & O.
Keeney's Creek Colliery Co.	Boone	25,255	18,850	44,105	1,500	600	....	42,005	....	....	....	C. & O.
Laura Mining Co.	Laura	14,617	17,130	31,747	347	195	....	31,205	....	....	....	C. & O.
Laurel Creek Coal Company	Laurel	23,822	22,438	46,260	....	652	....	45,608	....	....	....	C. & O.
Long Branch Coal Company	No. 2	58,317	56,016	114,333	113	600	....	113,620	....	....	....	C. & O.
Lookout Coal & Coke Co.	Lookout	12,822	11,232	24,054	500	650	....	22,904	....	....	....	C. & O.
Loup Creek Colliery Co.	No. 2	149,319	135,080	284,399	3,169	2,053	....	279,177	....	....	....	Virginian
Low Moor Iron Co. of Va., The	Kay Moor No. 1	64,610	75,227	139,837	7,200	1,200	64,400	67,037	16,267	24,836	41,103	C. & O.
Low Moor Iron Co. of Va., The	Kay Moor No. 2	13,170	15,436	28,606	120	300	....	28,186	....	....	....	C. & O.
Lynchburg Colliery Company	No. 2 Gas & No. 5 Splint	42,352	36,751	79,103	480	900	....	77,723	....	....	....	C. & O.
Macdonald Colliery Company	Macdonald	31,720	27,898	59,618	2,140	280	....	57,198	....	....	....	C. & O.
M. B. Coal & Coke Company	Elk Ridge No. 1	34,006	27,707	61,713	....	491	....	61,222	....	....	....	C. & O.
M. B. Coal & Coke Company	Elk Ridge No. 2	32,064	32,309	64,373	2,142	513	....	61,718	....	....	....	C. & O.
M. B. Coal & Coke Company	Columbia No. 5	18,939	12,824	31,763	....	803	....	30,960	....	....	....	C. & O.
M. B. Coal & Coke Company	Kimberly No. 3	26,411	22,607	49,018	1,785	397	....	46,836	....	....	....	C. & O.
McKell Coal & Coke Company	Derryhale	30,668	26,074	56,742	2,484	882	....	53,376	....	....	....	K., G. J. & E.
McKell Coal & Coke Company	Kilsyth	121,393	99,403	220,796	9,817	3.881	....	207,098	....	....	....	K., G. J. & E.
Meadow Fork Coal Company	Meadow Fork	9.117	16,365	25,482	363	300	....	24,819	....	....	....	C. & O.
Mecca Colliery Company	Edgewater	20.352	10,357	30,709	....	....	....	30,709	....	....	....	C. & O.
Mecca Colliery Company	Diamond	36,901	15.626	52,527	1,651	497	....	50,379	....	....	....	C. & O.
Mecca Colliery Company	Gas	17,993	10,001	27,994	2,095	....	....	25,899	....	....	....	C. & O.
Mecca Colliery Company	Splint	16,404	4,297	20,701	52	526	....	20.123	....	....	....	C. & O.
Michigan Coal Company	Michigan	9,803	7,964	17,767	230	400	....	17,137	....	....	....	C. & O.
Midvale Colliery Company	Midvale	41,530	37,770	79,300	....	1.350	....	77,950	....	....	....	C. & O.
Milburn Coal & Coke Co.	Milburn	....	36.921	36,921	685	226	....	36,010	....	....	....	C. & O.
Mill Creek Colliery Company	Mill Creek	17,397	12,832	30,229	868	....	....	29,361	....	....	....	C. & O.
Mt. Carbon Co., Ltd., The	Vulcan	40,788	35,504	76,292	1,375	1,060	40,668	33.189	13,569	12,862	26,431	C. & O.
Mt. Hope Coal & Coke Co.	Baby	30,437	33,014	63,451	1,181	1,445	....	60.825	....	....	....	C. & O.
Newlyn Coal Company	Newlyn	6,385	8,982	15,367	....	600	....	14,767	....	....	....	C. & O.
New River Collieries Company	Sun Nos. 1, 2, 3	156,179	171,062	327,241	7,500	3,589	....	316.152	....	....	....	C. & O.
N. R. & Poca Cons. Coal Co.	Layland	139,002	166,331	305.333	6,239	1.610	....	297,484	....	....	....	C. & O.
N. R. & Poca Cons. Coal Co.	Minden No. 2	66,215	71,722	137,937	10,775	....	....	127,162	....	....	....	C. & O.
N. R. & Poca Cons. Coal Co.	Minden No. 3	89,606	115,546	205,152	....	....	....	205,152	....	....	....	C. & O.
N. R. & Poca Cons. Coal Co.	Minden No. 4	85,194	89.824	175.018	....	5,375	....	169,643	....	....	....	C. & O.
N. R. & Poca Cons. Coal Co.	Minden No. 5	82.097	79.264	161,361	....	....	....	161.361	....	....	....	C. & O.
Nichol Colliery Company	Nichol	30,279	30.730	61,009	1,630	280	....	59,099	....	....	....	C. & O.
Nuttalburg Smokeless Fuel Co.	Nuttalburg	20,699	19,491	40.190	1.500	1,200	11,890	25.300	4.014	3,030	7.074	C. & O.
Paint Creek Collieries Co.	Hickory Camp	5,380	5,397	10,777	....	160	845	9.772	....	....	....	C. & O.
Prudence Coal Company	Prudence	67,962	68,300	136,262	3,568	440	....	132.254	....	....	....	C. & O.
Quinnimont Coal Company	Big "Q"	27,818	22,675	50.523	50	600	....	49,873	....	....	....	C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Ridgeview Coal Company	Ridgeview	4,384	424	4,808	160	40	....	4,608	....	....	....	C. & O.
River Valley Colliery Co.	Bachman	8,963	9,455	18,418	360	180	....	17,878	....	....	....	C. & O.
Rock Lick Coal Company	Rock Lick No. 1	42,393	43,672	86,065	2,570	1,162	....	82,333	....	....	....	C. & O.
Rock Lick Coal Company	Rock Lick No. 2	3,876	5,152	9,028	....	....	....	9,028	....	....	....	C. & O.
Rothwell Coal Company	Dubree	17,045	17,967	35,012	700	400	....	33,912	....	....	....	C. & O.
Scotia Coal & Coke Company	Red Ash	14,954	15,767	30,721	....	100	....	30,621	....	....	....	C. & O.
Scotia Coal & Coke Company	Brooklyn	24,913	26,715	51,628	571	300	....	50,757	....	....	....	C. & O.
Scotia Coal & Coke Company	Rush Run & Once More	26,411	23,121	49,532	3,689	400	....	45,443	....	....	....	C. & O.
Sewell Colliery Company	Sugar Camp	11,876	17,820	29,696	525	500	....	28,671	....	....	....	C. & O.
Signal Knob Coal Company	Signal Knob	7,060	8,144	15,204	....	....	....	15,204	....	....	....	C. & O.
Solvay Collieries Company	Kingston No. 1	80,549	142,804	223,353	2,487	963	....	219,903	....	....	....	C. & O.
Solvay Collieries Company	Westerly Nos. 1 & 2	35,098	68,389	103,487	1,890	617	....	100,980	....	....	....	C. & O.
South Side Company	South Side	29,894	35,660	65,554	747	411	....	64,396	....	....	....	C. & O.
Star Coal & Coke Co., The	Star	73,093	62,222	135,315	3,736	1,778	....	129,801	....	....	....	C. & O.
St. Clair Colliery Company	St. Clair-Archer	36,271	28,912	65,183	1,000	600	....	63,583	....	....	....	C. & O.
Stone Cliff C. & C. Company	Stone Cliff	11,626	13,727	25,353	1,003	15,333	....	9,017	....	....	....	C. & O.
Stuart Colliery Company	Summerlee	32,117	31,284	63,401	7,329	1,063	....	55,009	....	....	....	Virginian
Stuart Colliery Company	Lochgelly	25,354	26,178	51,532	6,076	2,459	....	42,997	....	....	....	Virginian
Sugar Creek C. & C. Company	Sugar Creek Nos. 1 & 2	43,015	36,487	79,502	2,447	1,597	....	75,458	....	....	....	K., G. J. & E C. & O.
Sunday Creek Company	No. 111	73,597	66,707	140,304	2,901	693	58,674	78,036	22,860	17,466	40,326	K. & M.
Sunday Creek Company	No. 112	106,664	68,519	175,183	4,969	2,114	94,289	73,811	46,981	21,004	67,985	K. & M.
Sunday Creek Company	No. 114	65,936	95,496	161,432	4,692	1,539	71,753	83,448	28,826	24,487	53,313	K. & M.
Sunday Creek Company	Nos. 115 & 116	99,426	26,609	126,035	2,635	1,245	37,560	84,595	20,448	6,431	26,879	K. & M.
Turkey Knob C. & C. Company	Turkey Knob & Hickory Branch	64,266	67,822	132,088	4,015	1,000	42,723	84,350	15,940	15,960	31,900	C. & O.

White Oak Fuel Company	Wingrove-Scarbro	93,031	70,414	163,445	7,253	802	....	155,390	....	....	....	C. & O. & Virginian
White Oak Fuel Company	Whipple	22,916	38,362	61,278	6,245	977	....	54,056	....	....	....	C. & O.
White Oak Fuel Company	Carlisle & Oakwood	58,534	64,178	122,712	8,251	1,313	....	113,148	....	....	....	C. & O. & Virginian
Total	....	4,465,219	4,221,769	8,686,988	211,855	108,098	594,941	7,772,094	226,569	179,886	406,455	
GILMER COUNTY.												
Gilmer Consolidated Coal Co.	Brackett	7,060	6,780	13,840	....	450	....	13,390	....	....	....	C. & C.
Gilmer Fuel Company	Gilmer	30,588	31,866	62,454	1,200	400	....	60,854	....	....	....	C. & C.
McCaa Coal Company	McCaa	6,841	5,234	12,075	624	655	....	10,796	....	....	....	C. & C.
Total	....	44,489	43,880	88,369	1,824	1,505	....	85,040	....	....	....	
GRANT COUNTY.												
Buffalo Creek-Cumberland Coal Co.	Buffalo Creek No. 1	50,038	38,174	88,212	800	96	....	87,316	....	....	....	West'n Maryland
Davis Coal & Coke Company	Henry No. 22	50,349	41,741	92,090	14,303	451	....	77,336	....	....	....	West'n Maryland
Jordan, S. H.	Cottage Street	5,438	4,006	9,444	....	275	....	9,169	....	....	....	West'n Maryland
Total	....	105,825	83,921	189,746	15,103	822	....	173,821	....	....	....	
GREENBRIER COUNTY.												
Elk Lick Coal Company	Spruce Knob	11,794	10,839	22,633	295	114	....	22,224	....	....	....	Grb. & L. Co.'s logging, C. & O.
Total	....	11,794	10,839	22,633	295	114	....	22,224	....	....	....	
HARRISON COUNTY.												
Barnard Coal Company, D. Howard, Rec.	Burk	18,873	2,500	21,373	....	....	....	21,373	....	....	....	B. & O.
Blue Ridge Coal Company	Thompson	6,406	7,848	14,254	....	....	....	14,254	....	....	....	B. & O.
Byron Coal Company	Althea	36,672	40,923	77,595	....	....	....	77,595	....	....	....	B. & O.
Calif Coal Company	Calif	5,457	17,459	22,916	....	....	....	22,916	....	....	....	B. & O.
Central Fairmont Coal Co.	Snake Hill	39,565	39,657	79,222	....	....	....	79,222	....	....	....	B. & O.
Clarksburg Gas Coal Company	McWhorter	20,463	24,902	45,365	575	268	....	44,522	....	....	....	B. & O.
Consolidation Coal Co., The	No. 21	75,345	52,865	128,210	6,225	918	23,704	97,363	9,833	7,816	17,649	B. & O.
Consolidation Coal Co., The	No. 23	14,408	10,150	24,558	....	....	....	21,558	....	....	....	B. & O.
Consolidation Coal Co., The	No. 25	108,898	96,862	205,760	3,437	952	....	201,371	....	....	....	B. & O.
Consolidation Coal Co., The	No. 27	30,002	20,336	50,338	....	208	....	50,130	....	....	....	B. & O.
Consolidation Coal Co., The	No. 29	37,559	32,002	69,561	3,071	111	....	66,379	....	....	....	B. & O.
Consolidation Coal Co., The	No. 32	108,669	116,719	225,388	992	942	....	223,454	....	....	....	B. & O.
Consolidation Coal Co., The	No. 33	24,219	16,736	40,955	....	....	....	40,955	....	....	....	B. & O.
Consolidation Coal Co., The	No. 35	42,475	31,051	73,526	....	292	....	73,231	....	....	....	B. & O.
Consolidation Coal Co., The	No. 39	27,520	22,668	50,188	1,749	352	....	48,087	....	....	....	B. & O.
Consolidation Coal Co., The	No. 40	79,284	68,192	147,476	128	418	....	146,930	....	....	....	B. & O.
Consolidation Coal Co., The	No. 42	40,998	36,545	77,543	....	237	....	77,306	....	....	....	B. & O.
Consolidation Coal Co., The	No. 44	22,498	16,842	39,340	....	....	....	39,340	....	....	....	B. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL P DUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Consolidation Coal Co., The..	No. 48	31,587	22,637	54,224	....	110	....	54,114	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 49	73,760	48,536	122,296	4,587	900	....	116,809	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 50	41,395	31,201	72,596	....	....	....	72,596	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 51	38,958	32,273	71,231	1,000	477	....	69,754	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 52	38,451	30,496	68,947	2,612	355	....	65,980	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 54	24,926	17,817	42,743	....	78	....	42,665	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 55	54,006	46,593	100,599	577	27	....	99,995	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 58	32,606	22,164	54,770	68	....	....	54,702	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 60	17,180	8,508	25,688	....	71	....	25,617	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 62	17,159	15,911	33,070	....	....	....	33,070	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 64	30,951	21,782	52,733	2,700	547	....	49,486	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 65	28,299	24,512	52,811	1,500	....	....	51,311	....	....	....	B. & O.
Consolidation Coal Co., The..	No. 66	37,499	25,178	62,677	2,435	66	....	60,176	....	....	....	B. & O.
Corona Coal & Coke Company	Harold	51,391	54,763	106,154	....	80	....	106,074	....	....	....	B. & O. Monon Div.
Corona Coal & Coke Company	No. 2	725	13,441	14,166	....	25	....	14,141	....	....	....	B. & O. Short Line Div.
Fayette Coal Co.	Fayette	26,038	23,970	50,008	750	250	....	49,008	....	....	....	B. & O.
Fairmont-Baltimore C. & C. Company	Fairmore	35,590	46,905	82,495	....	....	....	82,495	....	....	....	B. & O.
Francois Coal & Coke Company	Norwood	4,519	20,342	24,861	....	105	....	24,756	....	....	....	B. & O.
Harrison Coal Company	Harrison	12,098	11,714	23,812	....	....	....	23,812	....	....	....	B. & O.
Harry B. Coal & Coke Co.	Pitcairn	64,431	61,368	125,799	2,401	238	....	123,157	....	....	....	B. & O.
Haywood Coal Mining Co.	Monroe	30,000	25,316	55,316	....	100	....	55,216	....	....	....	B. & O.
Hero Coal & Coke Company..	Hero	20,460	17,110	37,570	....	....	....	37,570	....	....	....	B. & O.
Hutchinson Coal Co.	McCandlish	111,019	104,371	215,390	1,975	725	....	212,690	....	....	....	B. & O.
Hutchinson Coal Co.	Erie	111,171	97,573	208,744	37	....	....	208,707	....	....	....	B. & O.
Hutchinson Coal Co.	Delta	28,600	32,812	61,412	....	158	....	61,254	....	....	....	B. & O.
Hutchinson Coal Co.	Hutchinson	118,788	112,296	231,084	3,963	....	....	227,121	....	....	....	B. & O.

Hutchinson Coal Co.	Girard	16,384	40,078	56,462	1,223	226	....	55,013	....	....	....	B. & O.
Hutchinson Coal Co.	York	8,628	14,555	23,183	....	7	....	23,176	....	....	....	B. & O.
Hutchinson Coal Co.	Florence	21,180	47,496	68,676	....	71	....	68,605	....	....	....	B. & O.
Hygrade Coal Company	Page	5,614	6,273	11,887	....	....	....	11,887	....	....	....	B. & O.
Johnson-McIntyre Coal Co.	Gilbert	25,068	19,807	44,875	100	100	....	44,675	....	....	....	B. & O. Short Line
Lambert's Run Coal Company	Clauson	40,430	34,652	75,082	....	....	....	75,082	....	....	....	B. & O. Short Line
Madeira-Hill-Clark Coal Co.	Randolph	72,573	88,640	161,213	....	294	....	160,919	....	....	....	B. & O.
Madeira-Hill-Clark Coal Co.	Goff	29,314	36,007	65,351	....	....	....	65,351	....	....	....	B. & O.
Madeira-Hill-Clark Coal Co.	Waldo	42,074	39,874	81,948	958	....	....	80,990	....	....	....	B. & O.
Marion Gas Coal Company	Bingamon	57,566	56,261	113,827	....	284	....	113,543	....	....	....	B. & O.
Marshall Coal Company	Marshall	140,855	131,277	272,132	2,699	144	....	269,289	....	....	....	B. & O.
Monongah Fuel Company	Dallhue	14,074	13,725	27,799	....	124	....	27,675	....	....	....	B. & O.
National Coal Company	National	10,654	10,537	21,191	....	....	....	21,191	....	....	....	B. & O.
Orr Coal Mining Co.	Miller No. 1	7,004	11,549	18,553	....	....	....	18,553	....	....	....	B. & O.
Orr Coal Mining Co.	Miller No. 2	25,953	28,409	54,362	....	....	....	54,362	....	....	....	B. & O.
Orr-Shields Coal Co.	Phoenix	13,695	19,480	33,175	....	....	....	33,175	....	....	....	B. & O.
Overholt Coal Company	Overholt	6,000	18,000	24,000	....	....	....	24,000	....	....	....	W. Va. Short Line
Righter Coal & Coke Company	Righter	51,786	46,572	98,358	....	....	....	98,358	....	....	....	B. & O.
Rosebud Fuel Co.	No. 1	9,637	6,972	16,609	219	69	....	16,321	....	....	....	B. & O.
Rosebud Fuel Co.	No. 2	37,451	26,890	64,341	611	61	....	63,666	....	....	....	B. & O.
Templeton Coal Co.	Fowler No. 1	3,425	......	3,425	....	....	....	3,425	....	....	....	B. & O.
Templeton Coal Co.	Fowler No. 2	23,108	19,937	43,045	....	....	....	43,045	....	....	....	B. & O.
Vincent Coal Company	Grasselli	37,423	26,955	64,378	....	....	....	64,378	....	....	....	B. & O.
Virginia-Maryland Coal Corporation	Willard Nos. 1, 2 & 3	94,551	92,107	186,658	2,927	322	....	183,409	....	....	....	B. & O.
Winchester Coal Co.	Winchester	18,713	3,637	22,350	....	....	....	22,350	....	....	....	B. & O.
Total	....	2,631,108	2,463,536	5,097,644	49,522	10,715	23,704	5,013,703	9,833	7,816	17,649	
KANAWHA COUNTY.												
Belmont Coal Company	Belmont	34,121	25,844	59,965	1,188	926	....	57,851	....	....	....	C. & O.
Blue Creek Coal & Land Co.	Will's Hollow No. 2	17,078	5,803	22,881	....	....	....	22,881	....	....	....	K. & W. Va.
Blue Creek Coal & Land Co.	Blakeley No. 4	31,018	21,876	52,894	721	1,818	....	50,355	....	....	....	K. & W. Va.
Cabin Creek Consolidated Coal Co.	Davis	21,284	24,086	45,370	393	615	....	44,362	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Cherokee	19,287	30,457	49,744	....	445	....	49,299	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Caledonia	2,370	6,365	8,735	....	....	....	8,735	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Buckeye	27,273	29,162	56,435	....	12	....	56,423	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Empire	18,999	19,916	38,915	....	....	....	38,915	....	....	....	C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Cabin Creek Consolidated Coal Co.	Black Tulip	27,552	36,537	64,089	2,067	....	....	62,022	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Keystone	14	4,204	4,218	....	....	....	4,218	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Red Warrior	....	182	182	115	67	....	....	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Acme	3,629	14,354	17,983	....	1,605	....	16,378	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Shamrock	28,534	38,850	67,384	518	....	....	66,866	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Thistle	19,983	28,263	48,246	....	28	....	48,218	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 1	18,716	29,097	47,813	....	39	....	47,774	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 East	21,473	33,611	55,084	....	....	....	55,084	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 West	21,146	30,850	51,996	....	....	....	51,996	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Rose	15,665	27,561	43,226	....	....	....	43,226	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Kayford	43,116	50,881	93,997	5,626	2,980	....	85,391	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Holly	12,570	15,807	28,377	....	295	....	28,082	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Quarrier	19,805	27,296	47,101	1,807	488	....	44,806	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	United Gas	30,754	45,947	76,701	1,110	....	....	75,591	....	....	....	C. & O.

Cabin Creek Consolidated Coal Co.	United Splint	23,714	27,733	51,447	....	657	....	50,790	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Belleclare	19,862	28,900	48,762	907	....	....	47,855	....	....	....	C. & O.
Cabin Creek Consolidated Coal Co.	Ruby	17,631	24,770	42,401	....	698	....	41,703	....	....	....	C. & O.
Cannelton Coal & Coke Co.	No. 1	162,124	108,745	270,869	6,993	....	....	263,876	....	....	....	K. & M.
Campbell's Creek Coal Co., The	No. 1	125,907	108,513	234,420	5,077	6,837	....	222,506	....	....	....	K. & M.
Campbell's Creek Coal Co., The	No. 3	46,095	31,366	77,461	1,205	765	....	75,491	....	....	....	K. & M.
Carbon Coal Company	North	11,214	7,621	18,835	....	210	....	18,625	....	....	....	C. & O.
Carbon Coal Company	South	22,018	25,966	47,984	7,665	....	....	40,319	....	....	....	C. & O.
Carbon Coal Company	Splint	41,586	53,740	95,326	....	990	....	94,336	....	....	....	C. & O.
Carbon Coal Company	Low Sulphur	4,660	8,663	13,323	....	170	....	13,153	....	....	....	C. & O.
Chesapeake Mining Company	No. 1	42,596	34,585	77,181	1,756	1,288	....	74,137	....	....	....	C. & O.
Chesapeake Mining Company	Nos. 2 & 3	14,937	13,031	27,968	600	250	....	27,118	....	....	....	C. & O.
Coalburg Colliery Company	Ronda & Belmont	40,000	60,000	100,000	2,100	2,400	....	95,500	....	....	....	C. & O.
Coalburg Kanawha Coal Co., The	"A"	14,036	14,480	28,516	....	311	....	28,175	....	....	....	C. & O.
Coalburg Kanawha Coal Co., The	"B"	26,364	21,763	51,127	127	300	....	50,700	....	....	....	C. & O.
Dry Branch Coal Company	Belmont & Coalburg	42,000	42,000	84,000	1,400	1,800	....	80,800	....	....	....	C. & O.
East Bank Mining Company	East Bank	2,000	6,600	8,600	100	....	....	8,500	....	....	....	C. & O.
Eureka Coal Company	Nos. 1, 3 & 4	22,467	12,878	35,345	....	....	....	35,345	....	....	....	C. & O.
Hackett Coal Company	Hackett No. 1	4,213	695	4,908	....	184	....	4,724	....	....	....	K. & M.
Hughes Creek Coal Company	Nos. 2 & 4	62,309	52,693	115,002	1,800	800	....	112,402	....	....	....	K. & M.
Graham, W. W.	Graham	8,000	4,000	12,000	....	25	10	11,965	....	....	....	C. & C.
Imperial Colliery Company	No. 1	54,100	47,400	101,500	3,000	....	....	98,500	....	....	....	C. & O.
Imperial Colliery Company	No. 3	46,700	44,500	91,200	....	1,200	....	90,000	....	....	....	C. & O.
Kelly's Creek Collieries Co.	No. 1	59,956	64,841	124,797	318	379	....	124,070	....	....	....	K. C. & M. Western
Kelly's Creek Collieries Co.	No. 3	99,274	82,450	181,724	707	1,600	....	179,417	....	....	....	K. C. & M. Western
Lewis Coal & Coke Company	Lewis	22,252	9,575	31,827	520	85	....	31,222	....	....	....	C. & O.
Marmet Coal Company, The	New Butler	23,361	20,470	43,831	2,552	1,405	....	39,874	....	....	....	C. & O.
Marmet Coal Company, The	Black Band	33,684	31,309	64,993	....	....	....	64,993	....	....	....	C. & O.
Marmet Coal Company, The	Monarch	22,202	22,177	44,379	3,286	628	....	40,465	....	....	....	K. & M.
Mill Creek Cannel Mining Co.	Villa	5,234	4,498	9,732	485	487	....	8,760	....	....	....	C. & C.
Montgomery Coal Company	No. 1	17,625	11,893	29,518	600	524	....	28,394	....	....	....	C. & O.
Montgomery Coal Company	No. 2	6,754	1,597	8,351	....	....	....	8,351	....	....	....	C. & O.
Morris Fork Coal Company	Turner No. 2	19,834	23,693	43,527	600	280	....	42,647	....	....	....	C. & C.
National Bituminous C. & C. Company	No. 2 Gas	46,985	43,323	90,308	1,750	3,100	....	85,458	....	....	....	C. & O.
National Bituminous C. & C. Company	No. 5	26,011	20,030	46,041	....	....	....	46,041	....	....	....	C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

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		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
National Bituminous C. & C. Company	Coalburg No. 8	29,311	6,897	36,208	296	90	....	35,822	....	....	....	C. & O.
Olcott Coal & Iron Company	No. 1	31,451	20,155	51,606	2,232	279	....	49,095	....	....	....	Kan. Central
Olcott Coal & Iron Company	No. 2	7,984	....	7,984	....	22	....	7,962	....	....	....	Kan. Central
Paint Creek Collieries Co.	Reynolds	23,939	16,382	40,321	911	311	....	39,099	....	....	....	Kan. Central
Paint Creek Collieries Co.	Knickerbocker	9,878	12,968	22,846	164	182	....	22,500	....	....	....	Kan. Central
Paint Creek Collieries Co.	Scranton	26,230	14,036	40,266	1,540	1,015	....	37,711	....	....	....	C. & O.
Paint Creek Collieries Co.	Paint Creek	22,531	27,727	50,258	....	....	....	50,258	....	....	....	C. & O.
Paint Creek Collieries Co.	Wacomah	13,943	11,056	24,999	1,277	455	....	23,267	....	....	....	C. & O.
Paint Creek Collieries Co.	Banner	11,520	4,615	16,135	....	....	....	16,135	....	....	....	C. & O.
Paint Creek Collieries Co.	Grose Nos. 1 & 2	22,165	19,850	42,015	1,238	475	....	40,302	....	....	....	C. & O.
Pen Mar Mining Company	Pen Mar	3,513	2,813	6,326	....	....	....	6,326	....	....	....	C. & C.
Queen Shoals Coal Company	Queen Shoals	4,711	3,763	8,474	260	....	....	8,214	....	....	....	C. & C.
Quincy Coal Company	Nos. 1 & 2	36,936	19,356	56,292	350	445	....	55,497	....	....	....	K. & M.
Republic Coal Company	No. 1	11,956	20,906	32,862	....	120	....	32,742	....	....	....	C. & O.
Republic Coal Company	No. 2	15,001	22,362	37,363	....	120	....	37,243	....	....	....	C. & O.
Republic Coal Company	No. 3	12,963	23,161	36,124	....	240	....	35,884	....	....	....	C. & O.
Republic Coal Company	No. 5	14,107	15,100	29,207	....	600	....	28,607	....	....	....	C. & O.
South Western Splint Fuel Company	Black Cat	24,173	19,551	43,724	660	80	....	42,984	....	....	....	C. & O.
Standard-Kanawha Coal Mining Co.	Coalridge No. 1	17,380	21,223	38,603	1,000	100	....	37,503	....	....	....	K. & W. Va.
Standard-Kanawha Coal Mining Co.	Acme No. 2	11,184	14,788	25,972	....	120	....	25,852	....	....	....	K. & W. Va.
Standard Splint and Gas Coal Co.	Standard	40,085	41,059	81,144	1,077	6,166	....	73,907	....	....	....	C. & O.
Sunday Creek Company	No. 101	21,173	22,204	43,377	1,204	619	....	41,554	....	....	....	K. & M.
Sunday Creek Company	No. 104	31,797	22,249	54,046	1,891	706	....	51,449	....	....	....	Kelly's Creek

Sunday Creek Company	No. 105	79,829	56,140	135,969	3,104	3,425	......	129,440	......	......	......	Kelly's Creek
Sunday Creek Company	No. 108	11,863	16,198	28,361	......	2	......	28,119	......	......	......	Kelly's Creek
Virginia Coal Company	Nos. 1 & 2	17,591	14,373	31,964	......	1,49	......	30,468	......	......	......	K. & M.
Wake Forest Mining Co.	Wake Forest	36,583	46,308	82,8 1	1,800	50	......	80,591	......	......	......	C. & O.
West Virginia Colliery Co.	No. 1 Gas	36,191	50,48	86,679	......	53	......	86,1 9	......	......	......	C. & O.
West Virginia Colliery Co.	No. 3	53,011	54,17	107,182	......	50	......	10 ,677	......	......	......	C. & O.
West Virginia Colliery Co.	No. 4	34,636	40,18	75,121	......	29	......	74,831	......	......	......	C. & O.
Winifrede Coal Co.	North	21,404	20,13	41,538	1,144	1,03	......	39,358	......	......	......	C. & O.
Winifrede Coal Co.	South	33,320	28,212	61,562	1,700	1,52	......	58,333	......	......	......	C. & O.
Winifrede Coal Co.	West	55,607	30,201	85,808	2,398	2,03	......	81,315	......	......	......	C. & O.
Wyatt Coal Company	Oakley	4,000	32,310	36,3 0	1,200	20	......	34,940	......	......	......	C. & O.
Wyatt Coal Company	Berlin	40,203	31,03	71,241	1,200	30	......	69,741	......	......	......	C. & O.
Wyatt Coal Company	Horton	51,474	47,962	99,436	......	300	......	99,136	......	......	......	C. & O.
Total	......	2,591,735	2,517,048	5,108,783	83,763	61,314	10	4,963,696	......	......	......	
LEWIS COUNTY.												
Kroger Gas Coal Company	Polar	21,649	7,307	28,956	......	......	......	28,956	......	......	......	B. & O.
Total	......	21,649	7,307	28,956	......	......	......	28,956	......	......	......	
LINCOLN COUNTY.												
Branchland Coal Company	Branchland	20,383	18,049	38,432	......	13,842	......	21,590	......	......	......	C. & O.
Guyan River Coal Company	Guyan River	12,301	10,855	23,156	......	84	......	23,072	......	......	......	C. & O.
Total	......	32,684	28,904	61,588	......	13,926	......	47,662	......	......	......	
LOGAN COUNTY.												
Amherst Coal Company	Nos. 1 & 2	30,980	40,677	71,657	1,062	358	......	70,237	......	......	......	C. & O.
Aracoma Coal Company	Nos. 1 & 2	78,800	96,658	175,458	1,367	798	......	170,293	......	......	......	C. & O.
Argyle Coal Company	Argyle	2,685	15,877	18,562	......	122	......	18,440	......	......	......	C. & O.
Avon Coal Company	Nos. 1, 2 & 3	42,104	49,255	91,359	2,650	1,150	......	87,559	......	......	......	C. & O.
Black Hawk Colliery Company	Black Hawk	9,348	5,274	14,622	100	100	......	14,422	......	......	......	C. & O.
Buffalo Eagle Coal Co.	Buffalo Eagle	......	9,500	9,500	......	75	......	9,425	......	......	......	C. & O.
Coal River Coal & Coke Co.	Cobra	31,787	57,596	89,383	40	315	......	89,028	......	......	......	C. & O.
Coal Valley Mining Co.	Sylvia	44,700	32,700	77,400	1,140	300	......	75,660	......	......	......	C. & O.
Cora Coal & Coke Co.	Cora	58,315	58,762	117,077	......	1,200	......	115,877	......	......	......	C. & O.
Cub Fork Coal Co.	Cub Fork	700	8,650	9,350	......	......	......	9,350	......	......	......	C. & O.
Draper Coal & Coke Co.	Draper	32,016	24,679	56,725	1,250	40	......	55,435	......	......	......	C. & O.
Eagle Island Coal Co.	Eagle Island	8,933	10,631	19,561	200	100	......	19,264	......	......	......	C. & O.
Ethel Coal Company	Nos. 1, 1½ & 2	67,498	99,176	166,674	2,411	48	......	163,781	......	......	......	C. & O.
Fort Branch Coal Corporation	Fort Branch	26,496	25,403	51,899	2,500	240	......	49,159	......	......	......	C. & O.
Frieze Fork Coal Mining Co., The	Frieze Fork	6,091	12,447	18,538	......	10	......	18,438	......	......	......	C. & O.
Gay Coal & Coke Company, The	Gay	59,159	67,507	126,666	900	41	......	125,320	......	......	......	C. & O. C. & O.
George's Creek Coal Co., Inc.	George's Creek	8,600	8,600	17,200	648	262	......	16,290	......	......	......	
Guyandotte Coal Co.	Kitchen	15,875	19,648	35,523	838	268	......	34,417	......	......	......	C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Huddleston Coal Co.	Huddleston	13,000	15,000	28,000	1,100	120	....	26,780	....	....	....	C. & O.
Johnson Coal Mining Co., E. R.	Johnson Nos. 1 & 2	20,955	5,418	26,373	480	360	....	25,533	....	....	....	C. & O.
Kohinoor Coal & Coke Co.	Kohinoor	45,191	56,348	101,539	1,326	999	....	99,214	....	....	....	C. & O.
Crown Coal & Coke Co.	Crown	21,622	20,698	42,320	700	60	....	41,560	....	....	....	C. & O.
Logan Coal Company, The	Logan	52,176	40,649	92,825	860	320	....	91,645	....	....	....	C. & O.
Logan Mining Co.	Earling	53,223	56,453	109,676	2,184	460	2,406	101,626	1,322	....	1,322	C. & O.
Logan Mining Co.	Manitoba	37,082	38,597	75,679	3,394	515	....	71,770	....	....	....	C. & O.
Logan Mining Co.	Mona	15,223	22,237	37,460	144	198	....	36,818	....	....	....	C. & O.
Logan Mining Co.	Wanda	36,421	36,099	72,520	....	622	....	71,898	....	....	....	C. & O.
Long Flame Coal Co.	Long Flame	22,209	26,129	48,338	900	350	....	47,088	....	....	....	C. & O.
Main Island Creek Coal Co.	No. 4	....	10,634	10,634	300	150	....	10,184	....	....	....	C. & O.
Manbar Coal Co.	Manbar	18,347	16,163	34,510	....	100	....	34,410	....	....	....	C. & O.
Mifflin Coal Co.	No. 1	27,498	39,556	67,054	12	510	....	66,532	....	....	....	C. & O.
Monitor Coal & Coke Co.	No. 1 Monitor, Beechwood & No. 3 Monitor	140,978	161,553	305,531	3,214	950	....	301,367	....	....	....	C. & O.
McGregor Coal Co.	McGregor	34,400	51,510	85,910	1,200	600	....	84,110	....	....	....	C. & O.
Opperman Coal Co., The	Blair	11,393	30,339	41,732	....	141	....	41,591	....	....	....	C. & O.
Paragon Colliery Co.	Paragon	21,405	38,388	59,793	750	140	....	58,903	....	....	....	C. & O.
Rex Coal & Coke Company	Rex	41,700	47,900	89,600	1,300	400	....	87,900	....	....	....	C. & O.
Rich Creek Coal Co.	Wilburn	11,947	16,773	28,720	....	97	....	28,623	....	....	....	C. & O.
Shamrock Coal Co.	Litz	46,529	42,218	88,746	....	878	....	87,868	....	....	....	C. & O.
Sovereign Coal Co.	Sovereign	9,685	16,558	26,243	....	486	....	25,757	....	....	....	C. & O.
Spruce Valley Coal Co.	Spruce Valley	2,742	24,620	27,362	....	162	....	27,200	....	....	....	C. & O.
Spruce Bend Coal Co.	Sharples Nos. 1 and 2	31,914	2 ,876	61,790	....	480	....	61,310	....	....	....	C. & O.
Stone Branch Coal Co.	Stone Branch	44,769	43,718	88,487	1,800	600	....	86,087	....	....	....	C. & O.
Summers Coal Co., H. B.	Summers	12,000	12,000	24,000	240	200	....	23,560	....	....	....	C. & O.

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Sunbeam Coal Co.	Sunbeam	10,219	20,440	30,659	668	333	....	29,658	....	....	.... C. & O.
Thomas Coal Co., D. C.	Grace	24,509	26,615	51,124	173	198	....	50,753	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 1	213,884	262,075	475,959	18,480	8,459	....	449,020	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 2	164,501	165,880	330,331	1,317	196	....	328,788	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 3	99,622	109,996	209,618	673	40	....	208,905	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 4	116,041	134,210	250,251	159	2,552	....	247,240	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 5 & 6	105,830	117,617	223,447	570	1,687	....	221,190	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 7	117,767	156,970	274,737	495	1,190	....	273,052	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek No. 8	118,656	136,618	255,274	200	358	....	254,716	....	....	.... C. & O.
United States Coal & Oil Co.	Island Creek Nos. 9 & 10	73,184	73,356	146,540	....	63	....	146,477	....	....	.... C. & O.
Virginia Buffalo Coal Co.	Virginia	12,300	19,794	32,094	200	200	....	31,694	....	....	.... C. & O.
Wilson Coal Co., H. T.	Wilson	42,813	44,496	87,309	1,072	13	....	86,224	....	....	.... C. & O.
Yuma Coal & Coke Co., The	Yuma	59,640	61,961	121,601	3,146	479	....	117,976	....	....	.... C. & O.
Total	....	2,458,491	2,875,452	5,333,943	66,093	32,022	2,406	5,233,422	1,322	....	1,322
MARION COUNTY.											
Catawba Coal Co.	Catawba	7,224	6,773	13,997	....	....	....	13,997	....	....	.... B. & O.
Consolidation Coal Co., The	No. 22	111,516	156,742	268,258	1,500	2,518	14,556	249,684	Coke R 43 Mi	eported ne.	at No.	B. & O.
Consolidation Coal Co., The	No. 24	83,437	57,552	140,989	8,313	1,103	....	131,573	....	....	.... B. & O.
Consolidation Coal Co., The	No. 26	127,585	112,087	239,672	6,751	2,019	....	230,902	....	....	.... B. & O.
Consolidation Coal Co., The	No. 28	37,659	42,631	80,290	1,596	184	....	78,510	....	....	.... B. & O.
Consolidation Coal Co., The	No. 36	64,066	59,750	123,816	....	185	....	123,631	....	....	.... B. & O.
Consolidation Coal Co., The	No. 38	123,586	104,261	227,847	8,048	1,343	....	218,456	....	....	.... B. & O.
Consolidation Coal Co., The	No. 43	126,021	155,476	281,497	7,200	....	59,234	215,063	29,003	22,687	51,690 B. & O.
Consolidation Coal Co., The	No. 45	30,331	32,059	62,390	1,830	161	....	60,399	....	....	.... B. & O.
Consolidation Coal Co., The	No. 47	62,467	58,053	120,520	1,870	125	....	118,525	....	....	.... B. & O.
Consolidation Coal Co., The	No. 53	84,906	84,597	169,503	480	....	....	169,023	....	....	.... B. & O.
Consolidation Coal Co., The	No. 56	98,018	67,032	165,050	5,970	881	....	158,199	....	....	.... B. & O.
Consolidation Coal Co., The	No. 59	12,425	17,864	30,289	....	269	....	30,020	....	....	.... B. & O.
Consolidation Coal Co., The	No. 63	134,610	157,545	292,155	2,928	....	3,159	286,068	Coke R 43 Mi	eported ne.	at No. B. & O.
Consolidation Coal Co., The	No. 67	37,889	27,565	65,454	2,512	271	....	62,671	....	....	.... B. & O.
Consolidation Coal Co., The	No. 68	35,330	50,393	85,723	803	329	....	84,591	....	....	.... B. & O.
Consolidation Coal Co., The	No. 84	34,548	63,396	97,944	2,430	....	....	95,514	....	....	.... B. & O.
Dakota Coal & Coke Co.	No. 2	51,305	75,062	126,367	2,821	750	....	122,793	....	....	.... B. & O.
Fairmont & Cleveland Coal Co.	Parker Run	55,500	51,709	107,209	3,196	732	....	103,281	....	....	.... B. & O. Monongahela
Federal Coal & Coke Co.	Federal	260,999	307,521	568,520	18,151	1,871	....	548,498	....	....	.... B. & O.
Four States Coal & Coke Co.	Annabelle	189,445	186,274	375,719	17,700	350	....	357,669	....	....	.... B. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.) First six months	Second six months	Total coal produced during year	Distribution of Coal (Tons of 2240 lbs.) Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	Production of Coke (Tons of 2000 lbs.) First six months	Second six months	Total coke production for year	Railroad located on
Harry B. Coal Co.	Harry B. & Junior	37,200	45,302	82,502	....	....	....	82,502	....	....	....	B. & O.
Jamison Coal & Coke Co.	Jamison No. 7	244,238	286,059	530,297	24,801	1,765	....	503,731	....	....	....	B. & O.
Jamison Coal & Coke Co.	Jamison No. 8	297,684	282,743	580,427	34,109	542	516	545,260	309	....	309	B. & O.
Jamison Coal & Coke Co.	Jamison No. 9	158,860	186,312	345,172	23,211	671	....	321,290	....	....	....	B. & O.
Kilarm Coal & Coke Co.	Kilarm Nos. 2 & 3	11,540	12,988	24,528	....	156	....	24,372	....	....	....	B. & O.
Manley & Zeek Coal Co.	Manley & Zeek	4,047	3,19[illegible]	7,241	....	....	....	7,241	....	....	....	B. & O.
McCoy Coal Co.	McCoy	760	1,021	1,781	....	1,781	....	....	....	....	....	B. & O.
New Central Coal Co.	Stafford	92,132	87,993	180,125	8,552	1,620	....	169,953	....	....	....	B. & O.
Phillips Coal & Coke Co.	Phillips	7,396	10,396	17,792	....	....	....	17,792	....	....	....	B. & O.
Robinson Coal Co.	James	9,700	5,000	14,700	....	....	....	14,700	....	....	....	B. & O.
Virginia & Pittsburgh C. & C. Co.	Kingmont	140,040	127,250	267,290	2,000	2,000	8,785	254,505	2,584	2,908	5,492	B. & O.
Virginia & Pittsburgh C. & C. Co.	Morgan	60,580	63,220	123,800	400	800	....	122,600	....	....	....	B. & O.
Buttermore Coal Co., J. J.	Elizabeth	5,603	5,603	11,206	....	....	....	11,206	....	....	....	B. & O.
Total	....	2,838,647	2,991,423	5,830,070	187,175	22,426	86,250	5,534,219	31,896	25,595	57,491	
MARSHALL COUNTY.												
Ben Franklin Coal Co.	Panama	44,242	55,948	100,190	1,584	....	....	98,606	....	....	....	B. & O.
Glendale Coal Co.	Glendale	49,986	70,500	120,486	738	3,460	....	116,288	....	....	....	B. & O.
Hitchman Coal & Coke Co.	Hitchman	177,617	215,976	393,593	8,326	4,000	....	381,267	....	....	....	B. & O.
Kunz Bros. & Miller	Bogg's Run	4,180	4,120	8,300	....	8,300	....	....	....	....	....	B. & O.
Mound Coal Co.	Mound	46,278	57,751	104,029	2,577	17,052	....	84,400	....	....	....	B. & O.
Parr's Run Coal Co.	Parr's Run	35,000	35,000	70,000	3,000	3,000	....	64,000	....	....	....	B. & O.
Wheeling Steel & Iron Co.	Benwood	67,156	65,671	132,827	132,827	....	....	....	....	....	....	B. & O.
Total	....	424,459	504,966	929,425	149,052	35,812	....	744,561	....	....	....	

MASON COUNTY.												
Hutchinson Coal Co...........	Linden	46,690	40,860	87,550	1,560	810	....	85,180	....	....	....	B. & O.
Jackson Coal & Mining Co....	ackson	17,595	12,077	29,672	267	8,600	....	20,805	....	....	....	B. & O.
Newton, J. M. & D. E.........	lartford	....	6,408	6,408	5,897	511	....	....	....	....	....	B. & O.
Total	....	64,285	59,345	123,630	7,724	9,921	....	105,985	....	....	....	
McDOWELL COUNTY.												
Algoma Coal & Coke Co.......	iney & Stone Bank	104,148	90,569	194,717	921	1,615	5,160	187,018	3,426	....	3,426	N. & W.
Arlington Coal & Coke Co.....	rlington	60,192	49,656	109,818	543	500	42,655	66,150	12,619	14,050	26,669	N. & W.
Ashland Coal & Coke Co......	shland & Monitor	141,447	116,809	258,256	7,000	675	20,326	230,255	8,824	4,717	13,541	N. & W.
Black Wolf Coal & Coke Co..	lack Wolf	31,619	30,033	61,652	2,500	....	....	59,152	....	....	....	N. & W.
Bottom Creek C. & C. Co......	No. 1............	63,316	54,687	118,003	4,284	621	25,073	88,025	11,068	6,255	17,323	N. & W.
Bottom Creek C. & C. Co......	No. 2............	48,847	43,622	92,469	....	350	....	92,119	....	....	....	N. & W.
Buchanan Coal Co.............	uchanan	9,420	10,140	19,560	440	350	....	18,770	....	....	....	N. & W.
Carter Coal Co.................	lx	82,065	82,024	164,089	4,691	936	....	158,462	....	....	....	N. & W.
Carter Coal Co.................	ora & Old No. 8	24,088	25,824	49,912	28	302	....	49,582	....	....	....	N. & W.
Carter Coal Co.................	No. 2 East & West	33,064	26,198	59,262	166	829	....	58,267	....	....	....	N. & W.
Carter Coal Co.................	aretta	52,960	52,788	105,718	297	839	....	104,612	....	....	....	N. & W.
Carter Coal Co.................	o. 1 East & West	21,050	11,627	32,677	18	303	....	32,356	....	....	....	N. & W.
Central Poca. C. & C. Co......	os. 1 and 2.....	14,138	9,857	23,995	....	65	....	23,930	....	....	....	N. & W.
Central West Poca. Coal Co., The...........................	Central West....	4,923	3,998	8,921	....	570	....	8,351	....	....	....	N. & W.
Cirrus Coal & Coke Company..	No. 2............	34,050	37,640	71,690	6,000	4,000	....	61,690	....	....	....	N. & W.
Columbus-Pocahontas Coal Co............................	Columbus-Pocahontas	6,949	5,582	12,531	....	440	....	12,091	....	....	....	N. & W.
Crozer C. & C. Company......	os. 1 & 2.......	211,846	145,056	356,902	6,596	2,010	55,298	292,968	20,474	13,997	34,471	N. & W.
Davy-Pocahontas Coal Co.....	No. 1	39,704	31,696	71,400	....	800	....	70,600	....	....	....	N. & W.
Davy-Pocahontas Coal Co.....	o. 2............	5,318	8,552	13,870	2,032	....	....	11,838	....	....	....	N. & W.
Dry Fork Collieries Co.........	ry Fork	53,222	52,381	105,603	1,200	400	....	104,003	....	....	....	N. & W.
Elkhorn Coal & Coke Co......	khorn	93,031	90,276	183,307	2,630	1,441	33,908	145,328	16,865	12,968	29,833	N. & W.
Elk Ridge C. & C. Co...........	lk Ridge	63,487	52,169	115,656	2,015	750	24,385	88,476	15,139	9,246	24,385	N. & W.
Eureka Coal & Coke Co........	Eureka	101,586	72,907	174,493	3,000	3,000	26,113	142,380	9,218	7,103	16,321	N. & W.
Empire Coal & Coke Co........	pire	122,066	115,439	237,505	2,779	570	29,728	204,428	14,698	6,111	20,809	N. & W.
Excelsior-Pocahontas Coal Co.	celsior No. 13	56,874	56,193	113,067	720	480	....	111,867	....	....	....	N. & W.
Flanagan Coal Co..............	No. 1............	16,510	22,674	39,184	....	350	....	38,834	....	....	....	N. & W.
Flanagan Coal Co..............	No. 2............	6,066	13,874	19,940	....	....	....	19,940	....	....	....	N. & W.
Flat Top Coal Mining Co......	Thomas	19,680	33,069	52,749	736	539	....	51,474	....	....	....	N. & W.
Fortune Hunter Coal Co.......	tune Hunter.	11,773	11,249	23,022	200	....	....	22,822	....	....	....	N. & W.
Gilliam Coal & Coke Co........	illiam	72,204	45,462	117,666	600	609	35,936	80,521	11,545	10,915	22,460	N. & W.
Greenbrier C. & C. Co.........	reenbrier	80,952	56,711	137,663	3,303	999	16,204	117,157	8,561	2,052	10,613	N. & W.
Hemphill Colliery Co..........	emphill	16,687	19,669	36,356	....	216	....	36,140	....	....	....	N. & W.
Henrietta Pocahontas Coal Co.	enrietta	10,000	6,965	16,965	25	40	....	16,900	....	....	....	N. & W.
Houston C. & C. Co............	os. 1 & 2........	200,385	165,803	366,188	7,200	1,500	96,645	260,843	28,722	38,932	67,654	N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Houston Collieries Co.	Iuger	94.921	81,178	176,099	7,200	1,200	43,950	123,749	12,645	18,119	30,764	N. & W.
Indian Ridge Coal & Coke Co.	Indian Ridge	67,296	58,843	126.139	809	1,615	11,860	111,855	9,094	1,688	10,782	N. & W.
J. B. B. Coal Co.	No. 3	24,899	31,844	56,743	....	....	....	56,743	....	....	....	N. & W.
J. B. B. Coal Co.	No. 1	47.111	43,622	90,733	6,000	750	....	83,983	....	....	....	N. & W.
J. B. B. Coal Co.	No. 2	28,519	32,815	61,334	....	750	....	60,584	....	....	....	N. & W.
J. B. B. Coal Co.	No. 4	64.163	73,333	137,496	....	4,500	....	132,996	....	....	....	N. & W.
John's Branch Coal Co.	No. 1	14,738	10.586	25,324	250	200	....	24,874	....	....	....	N. & W.
Keystone C. & C. Co.	Nos. 1 & 2	136,608	157.754	294,362	7,200	2,780	42,640	241,742	13,790	15,708	29,498	N. & W.
Kimball-Pocahontas Coal Co.	Virginia	11,354	15,865	27.219	1,921	202	....	25,096	....	....	....	N. & W.
King Coal Co.	King	122,465	122,289	244,754	7,300	1.800	....	235,654	....	....	....	N. & W.
Lake Superior Coal Co.	No. 1	24,730	54,050	78,780	4,200	500	....	74,080	....	....	....	N. & W.
Lake Superior Coal Co.	No. 2	26,370	20,230	46,600	1,680	200	....	44,720	....	....	....	N. & W.
Lathrop Coal Co.	Lathrop	71.129	77,496	148,625	1,800	600	....	146,225	....	....	....	N. & W.
Lynchburg C. & C. Co.	Lynchburg	129,276	90,178	219.454	5,500	3,000	35,863	175,091	13,647	8,768	22,415	N. & W.
McDowell C. & C. Co.	McDowell	129,653	119,495	249,118	3,800	1,000	27,948	216,400	8,823	9,808	18,631	N. & W.
Mohawk C. & C. Co.	Mohawk	52,000	48,000	100,000	3,000	500	....	96,500	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 1	35,050	42,712	77,762	10,439	1,095	32,427	33,801	28,658	27,423	56,081	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 2	55,393	66,169	121.562	50	7,209	....	114,303	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 3	41,427	56,467	97,894	....	2,457	....	95,437	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 4	31,497	44,463	75,960	100	2,832	....	73,028	....	....	....	N. & W.
New River & Poca. Cons. Coal Co.	Berwind No. 5	....	34,647	34,647	....	250	....	34,397	....	....	....	N. & W.
New Pocahontas Coal Co.	Pando	16,228	17,994	34,222	1,200	500	....	32,522	....	....	....	N. & W.
Oregon Coal Co.	No. 2-3 & No. 4	41,38[illegible]	46,044	87,432	2,157	2,100	....	83,175	....	....	....	N. & W.
Page C. & C. Co.	Nos. 1, 2 & 3	158,589	119,344	277,933	7,200	1,800	80,668	188,265	32,209	18,208	50,417	N. & W.

Panther Coal Co.	Panther	....	1,891	1,891	....	....	....	1,891	....	....	.... N. & W.
Peerless C. & C. Co.	Peerless Nos. 1 & 2	134,850	114,160	249,010	2,400	2,745	28,787	215,078	10,883	7,081	17,967 N. & W.
Pocahontas Cons. Collieries Co.	Cherokee	62,080	66,600	128,680	8,000	5,000	....	115,680	....	....	.... N. & W.
Pocahontas Cons. Collieries Co.	Delta	138,250	109,330	247,580	3,000	35,000	....	209,580	....	....	.... N. & W.
Pocahontas Cons. Collieries Co.	Shamokin	123,144	109,460	232,604	3,000	7,000	16,304	206,300	10,190	....	10,190 N. & W.
Pocahontas Cons. Collieries Co.	Norfolk	116,752	85,990	202,742	3,000	6,000	41,302	149,440	18,920	8,644	27,564 N. & W.
Pocahontas Cons. Collieries Co.	Angle	134,914	104,235	239,149	3,000	4,000	39,279	192,870	15,140	9,410	24,550 N. & W.
Pocahontas Cons. Collieries Co.	Lick Branch	141,015	100,840	241,855	3,000	7,000	21,485	210,370	13,430	....	13,430 N. & W.
Pocahontas Cons. Collieries Co.	Rolfe	83,810	99,070	182,880	3,000	5,000	....	174,880	....	....	.... N. & W.
Pocahontas Cons. Collieries Co.	No. 6	137,800	127,290	265,090	3,000	5,000	....	257,090	....	....	.... N. & W.
Pocahontas Cons. Collieries Co.	No. 7	89,580	71,730	161,310	2,000	2,000	....	157,310	....	....	.... N. & W.
Pocahontas Cons. Collieries Co.	No. 8	84,990	82,390	167,380	2,000	2,000	....	163,380	....	....	.... N. & W.
Pocahontas Domestic Coal Co.	Scorpion	19,246	10,292	29,538	326	185	....	29,027	....	....	.... N. & W.
Pocahontas Smokeless Coal Co.	Pocahontas Smokeless	22,825	18,210	41,035	....	900	....	40,135	....	....	.... N. & W.
Powhatan C. & C. Company	East & West	154,450	110,000	264,450	3,000	1,500	51,200	208,750	18,000	14,000	32,000 N. & W.
Premier Pocahontas Collieries Co.	Nos. 1, 2, 3 & 4	147,450	151,973	299,423	2,600	1,800	....	295,023	....	....	.... N. & W.
Pulaski Iron Company	No. 1-2 & No. 3	177,520	176,946	354,466	2,400	1,200	142,075	208,791	44,485	44,312	88,797 N. & W.
Roanoke Coal & Coke Co.	Roanoke	70,534	57,389	127,923	1,800	234	12,755	113,134	8,519	....	8,519 N. & W.
Shawnee Coal & Coke Co.	Shawnee	71,806	62,739	134,545	....	2,400	25,551	106,594	7,363	8,606	15,969 N. & W.
Solvay Collieries Co.	Big Sandy	50,739	49,844	100,583	1,455	883	....	98,245	....	....	.... N. & W.
Solvay Collieries Co.	Marytown	87,447	85,767	173,214	1,162	1,025	....	171,027	....	....	.... N. & W.
Superior Pocahontas Coal Co.	Helena	28,513	30,879	59,392	1,200	600	....	57,592	....	....	.... N. & W.
Superior Pocahontas Coal Co.	Davy Crockett	20,064	25,729	45,793	1,200	600	....	43,993	....	....	.... N. & W.
Superior Pocahontas Coal Co.	Blackstone	26,941	25,151	52,092	....	355	....	51,737	....	....	.... N. & W.
Superior Pocahontas Coal Co.	Cletus	18,782	19,695	38,477	....	240	....	38,237	....	....	.... N. & W.
Standard Pocahontas Coal Co.	Standard Pocahontas	36,286	51,639	87,925	5,244	590	....	82,091	....	....	.... N. & W.
Tidewater Coal & Coke Company	Tidewater	69,087	72,408	141,495	4,500	1,500	....	135,495	....	....	.... N. & W.
Turkey Gap Coal & Coke Co.	Turkey Gap	72,204	65,592	137,796	2,100	....	292	135,404	182	....	182 N. & W.
United States Coal & Coke Co.	No. 2	141,792	97,000	238,792	1,821	2,657	....	234,314	....	....	.... N. & W.
United States Coal & Coke Co.	No. 3	68,322	38,754	107,076	35,423	1,579	....	70,074	....	....	.... N. & W.
United States Coal & Coke Co.	No. 4	113,544	63,873	177,417	....	1,296	....	176,121	....	....	.... N. & W.
United States Coal & Coke Co.	No. 5	97,389	75,001	172,390	....	846	....	171,544	....	....	.... N. & W.
United States Coal & Coke Co.	No. 6	229,585	174,827	404,412	....	1,115	....	403,297	....	....	.... N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
United States Coal & Coke Co.	No. 7	162,311	104,436	266,747	....	1,206	....	265,541	....	....	....	N. & W.
United States Coal & Coke Co.	No. 8	82,10	21,687	103,793	....	754	....	103,039	....	....	....	N. & W.
United States Coal & Coke Co.	No. 9	232,081	172,952	405,033	....	3,182	....	401,851	....	....	....	N. & W.
United States Coal & Coke Co.	No. 10	101,797	65,803	167,600	....	1,279	....	166,321	....	....	....	N. & W.
United States Coal & Coke Co.	No. 11	123,146	54,766	177,912	....	1,515	....	176,367	....	....	....	N. & W.
United States Coal & Coke Co.	No. 12	107,045	38,619	145,664	....	657	....	145,007	....	....	....	N. & W.
Upland Coal & Coke Co.	Upland No. 1	160,422	103,943	264,365	4,656	1,738	38,670	219,301	15,043	9,129	24,172	N. & W.
Vaughan Coal Company	Vaughan	9,000	3,000	12,000	....	120	....	11,880	....	....	....	N. & W.
War Creek Coal Co.	No. 1	15,555	14,427	29,982	300	200	....	29,482	....	....	....	N. & W.
Welch Coal & Coke Company	Welch	21,994	18,467	40,461	1,525	600	....	38,336	....	....	....	N. & W.
West Virginia-Pocahontas Coal Co.	Leckie Nos. 1 & 2	114,576	101,900	216,476	....	563	....	215,913	....	....	....	N. & W.
Yukon Pocahontas Coal Co.	Nos. 1 & 2	49,867	45,081	94,948	2,400	600	....	91,948	....	....	....	N. & W.
Zenith Coal & Coke Company	Nos. 1 & 2	88,266	78,417	166,683	565	530	....	165,588	....	....	....	N. & W.
Total	....	7,578,348	6,476,80	14,055,157	210,840	179,193	1,107,487	12,527,637	442,180	327,253	769,433	
MERCER COUNTY.												
American Coal Company	Crane Creek	138,241	91,609	229,850	309	1,685	58,523	169.333	20,727	15,311	36,038	N. & W.
American Coal Company	Piedmont	42,072	47,983	90,055	....	610	....	89,445	....	....	....	N. & W.
American Coal Company	Pinnacle	110,908	80,775	191,683	8,493	1,282	41,202	140,706	15,142	10,144	25,286	N. & W.
Booth Bowen Coal & Coke Co.	Booth Bowen	98,692	92,505	191,197	1,800	1,390	25,70	162,30	11,84	4,221	16,065	N. & W.
Buckeye Coal & Coke Co.	Buckeye	103,420	75,260	178,680	750	566	22,923	154,441	9,267	3,804	13,071	N. & W.
Crystal Coal & Coke Co.	No. 1	77,438	66,188	143,626	2,400	1,500	44,608	95,1[illegible]8	12,578	14,180	26,764	N. & W.
Crystal Coal & Coke Co.	No. 2	25,953	25,269	51,222	....	500	....	50,722	....	....	....	N. & W.
Ennis Coal Co.	Hiawatha	9,246	54,598	63,844	1,644	....	....	62,200	....	....	....	N. & W.
Godfrey Coal Co.	Godfrey	14,373	10,175	24,549	....	....	....	24,548	....	....	....	N. & W.
Louisville C. & C. Co.	Louisville. L'ville No. 2, Klondike No. 3, Goodwill	85,573	61,922	147,495	4,920	1,243	11,742	129,590	5,915	1,418	7,333	N. & W.

Mill Creek C. & C. Co.	East, West, West Fork, Tug River	94,976	98,249	193,225	636	605	31,663	160,321	10.315	13,207	23,522	N. & W.
Mill Creek C. & C. Co.	Coaldale	43,893	41,128	85,021	445	380	15,348	68,848	6,500	5,412	11,912	N. & W.
Pawama C. & C. Co.	Nos. 1 & 2	46,859	45,300	92,168	1,383	664	....	90,121	....	....	....	N. & W.
Pocahontas Cons. Collieries Co.	Sagamore Nos. 1 & 2	122,148	104,860	227,008	3,000	6,000	17,448	200,560	10,280	....	10,280	N. & W.
Pocahontas Cons. Collieries Co.	Caswell Creek, Hemlock, Elkhorn	144,230	136,800	281,030	12,000	5,000	....	264,030	....	....	....	N. & W.
Pocahontas Cons. Collieries Co.	West	15,000	16,000	31,000	....	....	....	31,000	....	....	....	N. & W.
Smokeless Coal & Coke Co., The	Smokeless	24,500	21,200	45,700	....	200	....	45,500	....	....	....	N. & W.
Solvay Collieries Co.	Spring	39,193	49,571	88,764	620	600	....	87,514	....	....	....	N. & W.
Thomas Coal Co.	No. 1	73,804	63,442	137,246	2,400	1,400	37,682	95,764	11,328	15,051	26,379	N. & W.
Thomas Coal Co.	No. 2	32,993	32,534	65,527	....	500	....	65,027	....	....	....	N. & W.
Turkey Gap Coal & Coke Co.	Wenonah	77,521	61,317	138,838	3,000	1,500	....	134,338	....	....	....	N. & W.
Weyanoke C. & C. Co.	Weyanoke & Elihu	83,217	69,555	152,772	7,154	2,650	....	142,968	....	....	....	N. & W.
Total	....	1,504,250	1,346,249	2,850.499	50,954	28,275	306,843	2,464,427	113,896	82,754	196,650	
MINERAL COUNTY.												
Abram's Creek C. & C. Co.	Oakmont No. 1	51,608	26,614	78,222	1,284	459	....	76,479	....	....	....	W. Md.
Big Vein Coal Co. of West Va.	Shaw 4 foot	9.465	10,560	20,025	165	30	....	19,830	....	....	....	W. Md.
Carroll-Cross Coal Co.	Cross	20,100	15,522	35,622	....	....	....	35,622	....	....	....	W. Md.
Carroll-Cross Coal Co.	Imperial	7,779	5,391	13,170	....	....	....	13,170	....	....	....	W. Md.
Davis Coal & Coke Co.	Elk Garden No. 6	13,497	25,172	38,669	143	796	....	37,730	....	....	....	W. Md.
Davis Coal & Coke Co.	Kittanning No. 14	41,371	40.827	82,198	631	426	....	81,141	....	....	....	W. Md.
Davis Coal & Coke Co.	Ott No. 20	25,587	22,373	47,960	711	....	....	47,249	....	....	....	W. Md.
Davis Coal & Coke Co.	Montgomery Run No. 19	47.815	27,202	75,017	13	195	....	74,809	....	....	....	W. Md.
Davis Coal & Coke Co.	Hampshire No. 50	18.728	10,103	28,831	771	77	....	27,983	....	....	....	W. Md.
Davis Coal & Coke Co.	Hampshire No. 51	32,951	21,973	54,921	1,090	114	....	53,720	....	....	....	W. Md.
Grafton Mining Company	Western Maryland	11,207	11,350	22,557	250	....	....	22,307	....	....	....	W. Md.
Gleason C. & C. Company	Gleason	24,744	24,883	49,627	500	250	....	48,877	....	....	....	W. Md.
Hamill C. & C. Company	Smith	14,146	8,212	22,358	169	....	....	22,189	....	....	....	W. Md.
Masteller Coal Company, The	Hampshire Nos. 1 & 2	27,333	25,337	52,670	226	....	....	52,444	....	....	....	W. Md.
Masteller Coal Company, The	New Creek	34,933	31,389	66,322	170	....	....	66,152	....	....	....	W. Md.
Total	....	381,264	306,908	688,172	6,123	2,347	....	679,702	....	....	....	
MINGO COUNTY.												
Buffalo Collieries Co., The	Buffalo	65,778	66,110	131,888	3,200	750	....	127,938	....	....	....	N. & W.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Crystal Block C. & C. Co.	Winifrede Nos. 1 & 2	41,270	46,674	87,944	557	1,220	....	86,167	....	....	....	N. & W.
Glen Alum Coal Co.	Nos. 1, 2, 3 & 4	123,819	150,944	274,763	12,000	2,000	....	260,763	....	....	....	N. & W.
Grey Eagle Coal Co.	Grey Eagle	37,813	14,275	52,088	3,600	300	....	48,188	....	....	....	N. & W.
Howard Colliery Company	Frederick	31,940	31,154	63,094	1,070	331	....	61,693	....	....	....	N. & W.
Howard Colliery Company	Howard	49,060	49,207	98,267	1,070	513	....	96,684	....	....	....	N. & W.
Howard Junior Coal Company	Howard, Jr.	41,482	49,621	91,103	1,070	48	....	89,5	....	....	....	N. & W.
Magnolia C. & C. Company	Magnolia	15,977	18,216	34,193	1,123	573	....	32,497	....	....	....	N. & W.
Margaret Mining Company	Margaret	34,400	33,191	67,591	....	600	....	66,991	....	....	....	N. & W.
Mary Helen Coal Co.	Mary Helen	33,571	36,571	70,142	2,400	700	....	67,042	....	....	....	N. & W.
Mingo Washed Coal Co.	Mattie May	....	8,982	8,982	100	100	....	8,782	....	....	....	N. & W.
Mingo Washed Coal Co. Suc. Big Block Coal Co.	Mattie May	1,384	538	1,922	....	....	....	1,922	....	....	....	N. & W.
Red Jacket Cons. C. & C. Company	Mitchell Branch & Rutherford	129,181	109,769	238,950	6,000	2,366	....	230,584	....	....	....	N. & W.
Red Jacket Cons. C. & C. Company	Red Jacket	11,708	11,720	23,428	....	62	....	23,366	....	....	....	N. & W.
Red Jacket Cons. C. & C. Company	Grapevine	57,189	49,959	107,148	....	....	....	107,148	....	....	....	N. & W.
Red Jacket, Jr. Coal Co.	Red Jacket, Jr.	97,594	95,144	192,738	2,700	558	....	189,480	....	....	....	N. & W.
Shanklin Coal Company, The James R.	Naugatuck	47,997	32.418	80,415	4,800	280	....	75,335	....	....	....	N. & W.
Sternberger Coal Co., E. L.	Sternberger	48,107	39,830	87,937	1,171	665	....	86.101	....	....	....	N. & W.
Stone Mountain Coal Co.	Marvin	3,200	14,890	18,090	1,000	687	....	16,403	....	....	....	N. & W.
Superior Thacker Coal Co.	Williamson No. 1	10,817	10,644	21,46	....	7,731	....	13,3	....	....	....	N. & W.
Sycamore C. & C. Company	Cinderella	69,264	74,366	143,63	3,830	1,042	....	138,758	....	....	....	N. & W.
Thacker C. & C. Co.	Nos. 2, 3, 6, 7, 8 & 9	98,556	83,465	182,021	7,200	3,000	....	171,821	....	....	....	N. & W.

Thacker C. & C. Co.	Nos. 11, 12, 13 & 14	62,515	58,287	120,802	6,000	2,400	....	112,402	....	....	....	N. & W.
Thacker C. & C. Co.	No. 10	7,363	5,025	12,388	....	....	....	12,388	....	....	....	N. & W.
War Eagle Coal Co.	Mephisto	41,969	31,437	73,406	7,200	1,200	....	65,006	....	....	....	N. & W.
War Eagle Coal Co.	Pappoose	38,754	33,730	72,484	....	....	....	72,484	....	....	....	N. & W.
White Star Mining Co.	White Star Nos. 1 & 2	28,125	28,125	56,250	2,190	365	....	53,695	....	....	....	N. & W.
Williamson C. & C. Co.	Winifrede	52,701	44,742	97,443	2,000	600	....	94,843	....	....	....	N. & W.
Total		1,281,534	1,229,034	2,510,568	70,281	28,528	....	2,411,759	....	....	....	
MONONGALIA COUNTY.												
Antler Coal Company	Grant	15,000	17,000	32,000	....	50	....	31,950	....	....	....	B. & O.
Consolidation Coal Co., The	No. 30	28,526	16,074	44,600	360	130	....	44,110	....	....	....	B. & O.
Elkins C. & C. Co.	Richard No. 1	57,114	60,989	118,103	3,062	550	105,837	8,654	34,633	37,548	72,181	M. & K.
Elkins C. & C. Co.	Elkins No. 3	8,883	6,511	15,394	....	....	....	15,394	....	....	....	M. & K.
Elkins C. & C. Co.	Sabraton No. 5	50,485	56,983	107,468	....	60	....	107,408	....	....	....	M. & K.
Great Scott C. & C. Co., The	Great Scott	5,096	6,035	11,131	47	3,917	....	7,167	....	....	....	B. & O.
Pittsburgh Steam Coal Co.	Opekiska	10,200	10,050	20,250	....	110	....	20,140	....	....	....	B. & O.
Southern Connellsville Coke Co.	Marion No. 2	32,958	18,142	51,100	....	....	45,820	5,280	20,120	10,427	30,547	B. & O.
Total		208,262	191,784	400,046	3,469	4,817	151,657	240,103	54,753	47,975	102,728	
NICHOLAS COUNTY.												
Coalbell Coal Company	Frees No. 1	9,763	....	9,763	500	400	....	8,863	....	....	....	C. & O.
Pardee & Curtin Lumber Co.	Panther Creek	2,641	2,545	5,186	....	610	....	4,576	sawm'l	....	....	None
Pardee & Curtin Lumber Co.	Camp No. 21	2,116	2,093	4,209	....	....	....	4,209	sawm'l	....	....	None
Saxman C. & C. Co.	Nos. 1, 2 & 3	40,791	36,491	77,282	1,542	....	5,707	70,033	2,293	1,674	3,967	B. & O.
Total		55,311	41,129	96,440	2,042	1,010	5,707	87,681	2,293	1,674	3,967	
OHIO COUNTY.												
Creighton, W. F.	Creighton	2,454	1,726	4,180	....	4,180	....	....	....	....	....	B. & O.
Elm Grove Coal Company, The	Elm Grove	17,185	18,960	36,145	1,458	1,931	....	32,756	....	....	....	B. & O.
Richland Coal Co.	Richland	166,216	212,043	378,259	....	....	....	378,259	....	....	....	P. C. C. & St. L.
Storch & Sons, Peter	Peter Storch	4,125	4,125	8,250	....	8,250	....	....	....	....	....	P. C. C. & St. L.
Whitaker-Glessner Coal Co.	Carter	25,964	30,016	56,010	56,010	....	....	....	....	....	....	Wheeling Terminal
Total		215,944	266,900	482,844	57,468	14,361	....	411,015	....	....	....	
PRESTON COUNTY.												
Austen Coal & Coke Co.	No. 1	57,266	51,067	108,333	....	607	97,030	10,696	33,277	32,403	65,680	B. & O.
Austen Coal & Coke Co.	No. 2	18,912	20,302	39,214	3,382	104	4,679	31,049	1,038	2,080	3,118	B. & O.
Borgman Coal Co.	No. 1	22,920	29,030	51,950	300	200	....	51,450	....	....	....	W. Va. Northern
Elkins C. & C. Co.	Bretz No. 2	83,300	98,060	181,360	12,509	555	14,034	154,262	8,228	....	8,228	M. & K.
Elkins C. & C. Co.	Kingwood No. 4	38,016	26,920	64,936	1,738	44	....	63,154	....	....	....	M. & K.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
Elkins C. & C. Co.	Masontown No. 6	93,792	95,605	189,397	2,754	971	....	185,672	....	....	....	M. & K.
Elkins C. & C. Co.	No. 7	20,058	22,262	42,320	....	231	....	42,08	....	....	....	M. & K.
Gorman C. & C. Co.	Nos. 2-3 & No. 4	17,862	10,916	28,778	730	189	....	27,85	....	....	....	B. & O.
Hiorra Coke Co.	Vulcan	27,524	29,337	56,861	614	276	....	55,971	....	....	....	B. & O.
Hite C. & C. Company	Dixie	8,645	3,632	12,277	30	26	....	12,221	....	....	....	Rac. Val. Br. B. & O.
Irona Coal Co.	No. 2	12,900	10,147	23,047	443	67	....	22,537	....	....	....	W. Va. Northern
Kendall Lumber Co.	Arnold Run	5,230	3,800	9,030	....	6,630	....	2,400	....	....	....	None
Kingwood Coal Company	Howesville	32,292	13,095	45,387	494	200	....	44,693	....	....	....	W. Va. Northern
Late Coal Company, Gordon B.	Late No. 1	6,551	5,332	11,883	223	....	....	11,660	....	....	....	B. & O.
Preston County Coke Co.	Cascade Nos. 1-2 & No. 3	78,053	66,715	144,768	521	913	136,747	6,587	44,998	43,029	88,027	M. & K.
Preston Fuel Co.	No. 1 Shaft	5,061	9,160	14,221	1,825	....	....	12,396	....	....	....	B. & O.
Somerset-Smokeless Coal Co.	Tunnelton	127,317	90,231	217,548	3,705	1,425	....	212,418	....	....	....	B. & O.
Virginia-Maryland Coal Corporation	Scotch Hill	6,320	18,499	24,819	3,551	15	....	21,253	....	....	....	B. & O.
Wills, John	No. 4	10,382	4,670	15,052	350	240	....	14,462	....	....	....	B. & O.
Total		672,401	608,780	1,281,181	33,169	12,693	252,490	982,829	87,541	77,512	165,053	
PUTNAM COUNTY.												
Black Betsey Coal & Min'g Co.	Black Betsey	122,404	123,313	245,717	6,000	10,000	....	229,717	....	....	....	K. & M.
Oak Forest Coal & Mining Co.	Oak Forest	751	477	1,228	375	853	....	....	....	....	....	None
Otto Marmet Coal & Mining Co., The	Big Otto No 1-2 & No. 3	89,186	75,848	165,034	1,175	1,019	....	162,810	....	....	....	K. & M.
Plymouth Coal & Mining Co.	Plymouth	73,891	69,050	142,944	3,124	2,656	....	137,164	....	....	....	K. & M.
Total		286,235	268,688	554,923	10,674	14,558	....	529,691	....	....	....	

RALEIGH COUNTY.												
Bailey-Wood Coal Company	Bailey-Wood	44,000	46,00	90,000	1,100	400	....	88,500	....	....	....	Virginian
Beckley C. & C. Co.	Beckley	50,111	42,81	92,927	4,692	1,662	....	86,573	....	....	....	C. & O.
Blue Jay Lumber Co.	No. 4	5,243	6,89	12,140	....	....	....	12,140	....	....	....	C. & O.
Clearfork Coal Co.	Leevale	34,600	38,96	73,564	1,380	762	....	71,422	....	....	....	C. & O. and Virginian
Cranberry Fuel Company	Cranberry	43,443	43,631	87,074	7,137	2,247	....	77,690	....	....	....	Piney River & Pt. Creek
Cranberry Fuel Company	Sprague	45,475	47,870	93,345	3,327	588	....	89,430	....	....	....	Piney River & Pt. Creek
Four States C. & C. Company	Dorothy	142,244	131,946	277,190	4,095	1,897	....	271,198	....	....	....	C. & O.
Four States C. & C. Company	Sarita	127,962	122,797	250,759	....	....	....	250,75	....	....	....	C. & O.
Gulf Coal Company	Hotcoal No. 1-2 & No. 3	62,625	37,547	100,172	1,400	700	....	98,072	....	....	....	Virginian
Gulf Smokeless Coal Co.	No. 1-2 & No. 3.	184,763	131,588	316,351	6,000	1,500	....	308,851	....	....	....	C. & O.
Lanark Coal Co.	Lanark No. 4	25,261	23,695	48,956	1,200	473	....	47,283	....	....	....	C. & O.
Lynwin Coal Co.	Lynwin	44,080	47,452	91,532	750	216	....	90,566	....	....	....	Virginian
Mabscott C. & C. Co.	Mabscott	46,812	48,805	95,647	....	47	....	95,600	....	....	....	C. & O.
McAlpin Coal Co.	McAlpin	121,466	116,789	238,255	4,000	2,000	....	232,255	....	....	....	C. & O. and Virginian
McKell C. & C. Co.	Tamroy	52,892	43,011	95,903	....	1,640	....	94,263	....	....	....	K. G. J. & E.
McKell C. & C. Co.	raham	36,930	26,09	63.02	....	2,100	....	60,92	....	....	....	K. G. J. & E.
McKell C. & C. Co.	swald	52,487	48,353	100,840	....	694	....	100,146	....	....	....	K. G. J. & E.
Marsh Fork Coal Co.	Marsh Fork	26,610	31,01	60,658	270	180	....	60,208	....	....	....	C. & O.
New River Collieries Co.	es Nos. 3 & 4	107,14	115,68	222,82	8,895	9,166	....	201,766	....	....	....	C. & O and Virginian
New River Collieries Co.	les Nos. 5 & 6	175,21	127,45	302,67	7,602	3,019	....	292,051	....	....	....	C. & O. and Virginian
Pemberton Coal & Coke Co.	Big Stick	98,30	88,75	187,0	....	93	....	186,131	....	....	....	Virginian
Pemberton Coal & Coke Co.	Trinity	32,46	32,66	65,13	3,698	660	....	60,772	....	....	....	Virginian
Pemberton Fuel Co.	Pemberton Fuel	11,07	15,14	26,21	113	193	....	25,912	....	....	....	C. & O. and Virginian
Piney Mining Co.	Nos. 1 & 2	56,330	59,283	115,61	5,47	150	....	109.98	....	....	....	C. & O.
Piney Mining Co.	No. 3	23,283	19,863	43,146	384	1,827	....	40.935	....	....	....	C. & O.
Piney Mining Co.	No. 4	50,218	46,303	96,521	....	16,588	....	79,933	....	....	....	C. & O.
Price Hill Fuel Co.	Price Hill	704	....	704	691	13	....	....	....	....	....	White Oak-C.&O.
Raleigh C. & C. Co.	Nos. 1, 2 & 4	30.013	28,703	58,746	3,290	....	....	55,456	....	....	....	C. & O.
Raleigh C. & C. Co.	No. 3	53,111	68,407	121,518	....	....	....	121,518	....	....	....	C. & O.
Raleigh C. & C. Co.	Nos. 5 & 6	86.016	113,718	199,734	....	....	....	199,734	....	....	....	C. & O and Virginian
Royal Coal Co.	Royal	....	6.020	6,020	....	....	....	6.020	....	....	....	C. & O.
Slab Fork Coal Co.	Nos. 2, 3, 6 & 7.	105,924	85,074	190,998	1,968	1,440	....	187,590	....	....	....	Virginian
Slab Fork Coal Co.	No. 5	53,910	49.460	103,370	....	720	....	102.650	....	....	....	Virginian
Stonewall C. & C. Co.	No. 2	4.494	3,313	7,807	....	100	....	7,707	....	....	....	C. & O.
Stonewall C. & C. Co.	Stonewall & Perry	30,210	36,351	66,561	2.050	410	....	64.101	....	....	....	C. & O.
Sullivan C. & C. Co.	North & South	63,661	51,636	115,297	1,610	1,140	....	112,547	....	....	....	C. & O.

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
White, B. H.	Comb's Lease	1,643	1,475	3,118	....	1,492	....	1,626	....	....	....	C. & O. and Virginian
White Coal Company, E. E.	Glen White Nos. 1 & 2	179,320	153,176	332,496	7,200	2,113	....	323,183	....	....	....	Virginian
White Coal Company, E. E.	Stotesbury Nos. 1, 3, 5, 6 & 7	111,258	118,069	229,327	....	4,897	....	224,430	....	....	....	C. & O. and Virginian
Winding Gulf Colliery Co.	Nos. 1 & 3	75,431	73,772	149,203	2,700	800	....	145,703	....	....	....	Virginian
Wood Peck Coal Company	Wood Peck	13,400	22,930	36,330	600	500	....	35,230	....	....	....	C. & O.
Winding Gulf Colliery Co.	No. 2	34,934	71,823	109,757	....	700	....	109,057	....	....	....	C. & O.
Wright C. & C. Co.	No. 1	18,389	20,748	39,137	740	220	....	38,177	....	....	....	C. & O.
Wright C. & C. Co.	No. 2	24,244	24,323	48,567	700	400	....	47,467	....	....	....	C. & O.
Total	....	2,587,762	2,478,459	5,066,221	83,067	64,588	....	4,918,566	....	....	....	
RANDOLPH COUNTY.												
Davis C. & C. Co.	Weaver No. 1	42,282	32,543	74,825	1,426	864	....	72,535	....	....	....	W. Md.
Davis C. & C. Co.	Weaver No. 2	72,597	54,355	126,952	650	30	....	126,272	....	....	....	W. Md.
Davis Colliery Co.	Coalton Nos. 1 & 3	121,609	108,643	230,252	6,098	1,222	143,635	79,297	64,439	48,129	112,568	C. & C.
Davis Colliery Co.	Sivad No. 2	30,202	22,602	52,804	144	....	....	52,660	....	....	....	C. & C.
Davis Colliery Co.	Sivad No. 5	8,292	9,788	18,080	....	154	....	17,926	....	....	....	C. & C.
Davis Colliery Co.	Harding Nos. 1, 3 & 5	62,711	56,217	118,928	2,366	707	50,672	65,183	19,784	19,928	39,712	W. Md.
Green Coal Co., W. H.	Leroy No. 1	1,000	....	1,000	....	....	....	1,000	....	....	....	C. & C.
Humphreys, A. M., Rec. Brady Coal Co.	Klondike	15,044	9,764	24,808	....	224	....	24,584	....	....	....	C. & C.
Jenkins C. & C. Company, J. B.	Ariana	20,000	40,000	60,000	50	200	....	59,750	....	....	....	C. & C.
Rich Mountain Coal Co.	Hartridge	4,160	1,845	6,005	318	12	....	5,558	....	....	....	B. & O.
Rich Mountain Coal Co.	Beech Creek	3,688	1,543	5,231	90	170	....	4,971	....	....	....	B. & O.

West Virginia Pulp & Paper Co.	Hopkins	7,855	10,978	18,833	125	....	....	18,708	....	....	....	C. & C.
Total		389,110	348,278	737,718	11,267	3,700	194,307	528,444	84,223	68,057	152,280	
TAYLOR COUNTY.												
Davis, T. B., Estate of	T. B. Davis	19,111	18,348	37,459	200	82	....	37,177	....	....	....	B. & O.
Grafton C. & C. Co.	Sandlick Nos. 1 & 2	15,580	19,957	35,537	....	75	....	35,462	....	....	....	B. & O.
Maryland Coal Co. of W. Va.	Wendell Nos. 1, 2 & 4	181,181	206,680	387,861	3,694	448	....	383,719	....	....	....	B. & O.
McGraw Coal Co.	New York No. 1	48,499	44,660	93,159	2,473	448	....	90,238	....	....	....	B. & O.
Pittsvein Coal Co.	Pittsvein No. 4	53,547	57,508	111,055	....	194	....	110,861	....	....	....	B. & O.
Rosemont Coal Co.	Rosemont	106,639	125,200	231,839	930	401	....	230,508	....	....	....	B. & O.
Sterling Coal Co.	Cecil	12,223	4,859	17,082	600	125	....	16,357	....	....	....	B. & O.
Sunnyside Coal Co.	Sunnyside	7,169	7,071	14,240	370	50	....	13,820	....	....	....	B. & O.
Winona C. & C. Co.	Winona No. 2	70,841	69,699	140,540	1,800	360	113,672	24,708	17,613	16,487	34,100	B. & O.
Total		514,790	553,982	1,068,772	10,067	2,183	113,672	912,850	17,613	16,487	34,100	
TUCKER COUNTY.												
Cooper, J. Calvin, Lessee	Cooper	4,303	5,444	9,747	....	9,747	....	....	....	....	....	W. Md.
Cumberland Coal Co. of Baltimore Cy.	Douglass No. 1	59,941	44,883	104,824	....	....	21,540	83,284	10,279	4,082	14,361	W. Md.
Cumberland Coal Co. of Baltimore Cy.	Douglass No. 2	13,472	21,376	34,848	....	....	....	34,848	....	....	....	W. Md.
Cumberland Coal Co. of Baltimore Cy.	Douglass No. 6	11,380	10,452	21,832	1,143	....	....	20,689	....	....	....	W. Md.
Davis C. & C. Co.	Thomas No. 23	58,163	71,023	129,186	24,090	1,775	....	103,321	....	....	....	W. Md.
Davis C. & C. Co.	Thomas No. 25	69,033	48,113	117,146	....	....	....	117,146	....	....	....	W. Md.
Davis C. & C. Co.	Coketon No. 24	27,579	31,300	58,879	45	....	....	58,834	....	....	....	W. Md.
Davis C. & C. Co.	Coketon No. 26	24,878	24,609	49,487	1,485	....	....	48,002	....	....	....	W. Md.
Davis C. & C. Co.	Coketon No. 35	....	7,905	7,905	....	....	....	7,905	....	....	....	W. Md.
Davis C. & C. Co.	Coketon No. 36	64,633	66,749	131,382	....	....	....	131,382	....	....	....	W. Md.
Davis C. & C. Co.	Coketon No. 37	38,720	30,230	68,950	....	....	....	68,950	....	....	....	W. Md.
Davis C. & C. Co.	Ben Bush No. 38	71,986	97,506	169,492	1,585	109	....	167,798	....	....	....	W. Md.
Davis C. & C. Co.	Thomas Shaft No. 34	11,136	....	11,136	....	....	....	11,136	....	....	....	W. Md.
Davis C. & C. Co.	Frances No. 41	29,898	25,685	55,583	21	118	....	55,444	....	....	....	W. Md.
Davis C. & C. Co.	Pierce No. 39	43,745	61,625	105,370	2,001	214	....	103,155	....	....	....	W. Md.
Davis C. & C. Co.	Pierce No. 40	52,179	71,167	123,346	1,014	7	....	122,325	....	....	....	W. Md.
Total		581,046	618,067	1,199,113	31,384	11,970	21,540	1,134,219	10,279	4,082	14,361	
UPSHUR COUNTY.												
Buckhannon River C. & C. Co.	Florence No. 2	19,915	31,883	51,798	400	365	13,200	37,833	5,280	5,280	10,560	C. & C.
Newcomer Coal Co.	Newcomer	1,437	2,824	4,261	....	....	....	4,261	....	....	....	B. & O.
Red Rock Fuel Co.	Red Rock	21,125	20,289	41,414	954	686	....	39,774	....	....	....	B. & O.
Total		42,477	54,996	97,473	1,354	1,051	13,200	81,868	5,280	5,280	10,560	

COAL AND COKE TONNAGE PRODUCED IN WEST VIRGINIA BY THE VARIOUS MINES IN THE DIFFERENT COAL PRODUCING COUNTIES FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)			Railroad located on
		First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year	
WAYNE COUNTY.												
East Lynn Coal Co.	East Lynn N. 1.	29,362	25,698	55,060	474	713	....	53,873	....	....	....	N. & W.
Total		29,362	25,698	55,060	474	713	....	53,873	....	....	....	
WYOMING COUNTY.												
Mead-Pocahontas Coal Co.	Mead-Poca.	11,408	24,381	35,789	....	260	....	35,529	....	....	....	Virginian
Trace Fork Coal Co.	Trace Fork	....	4,000	4,000	....	429	....	3,571	....	....	....	Virginian
Total		11,408	28,381	39,789	....	689	....	39,100	....	....	....	

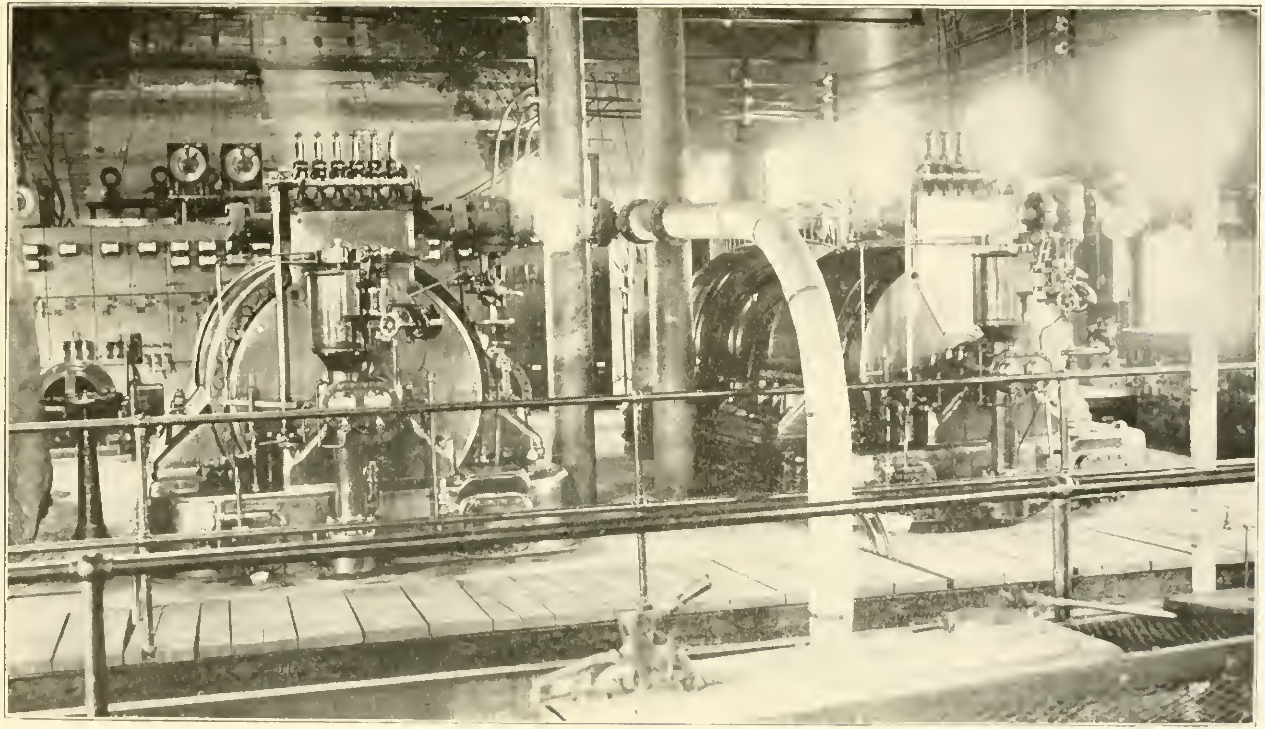
RECAPITULATION.

COUNTY	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)		
	First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year
Barbour	573,044	525,451	1,098,495	21,800	5,338	33,220	1,038,137	11,503	13,849	25,352
Boone	235,472	237,521	472,993	4,993	3,752	....	464,248	....	....	....
Braxton	133,407	131,694	265,101	3,747	1,457	....	259,897	....	....	....
Brooke	291,242	273,095	564,337	4,163	10,719	....	549,455	....	....	....
Clay	169,367	227,044	396,411	5,745	5,179	....	385,487	....	....	....
Fayette	4,465,219	4,221,769	8,686,988	211,855	108,098	594,941	7,772,094	226,569	179,886	406,455
Gilmer	44,489	43,880	88,369	1,824	1,505	....	85,040	....	....	....
Grant	105,825	83,921	189,746	15,103	822	....	173,821	....	....	....
Greenbrier	11,794	10,839	22,633	295	114	....	22,224	....	....	....
Harrison	2,634,108	2,463,536	5,097,644	49,522	10,715	23,704	5,013,703	9,833	7,816	17,649
Kanawha	2,591,735	2,517,048	5,108,783	83,763	61,314	10	4,963,696	....	....	....
Lewis	21,649	7,307	28,956	....	....	....	28,956	....	....	....
Lincoln	32,684	28,904	61,588	....	13,926	....	47,662	....	....	....
Logan Logan (Virginia Buffalo Coal Co.	2,458,491	2,875,452	5,333,943	66,093	32,022	2,406	5,233,422	1,322	....	1,322
Marion	2,838,647	2,991,423	5,830,070	187,175	22,426	86,250	5,534,219	31,896	25,595	57,491
Marshall	424,459	504,966	929,425	149,052	35,812	....	744,561	....	....	....
Mason	64,285	59,345	123,630	7,724	9,921	....	105,985	....	....	....
McDowell	7,578,348	6,476,809	14,055,157	240,840	179,193	1,107,487	12,527,637	412,180	327,253	769,433
Mercer	1,504,250	1,346,249	2,850,499	50,954	28,275	306,843	2,464,427	113,896	82,754	196,650
Mineral	381,264	306,908	688,172	6,123	2,347	....	679,702	....	....	....
Mingo	1,281,534	1,229,034	2,510,568	70,281	28,528	....	2,411,759	....	....	....
Monongalia	208,262	191,784	400,046	3,469	4,817	151,657	240,103	54,753	47,975	102,728
Nicholas	55,311	41,129	96,440	2,042	1,010	5,707	87,681	2,293	1,674	3,967
Ohio	215,944	266,900	482,844	57,468	14,361	....	411,015	....	....	....
Preston	672,401	608,780	1,281,181	33,169	12,693	252,490	982,829	87,541	77,512	165,053
Putnam	286,235	268,688	554,923	10,674	14,558	....	529,691	....	....	....
Raleigh	2,587,762	2.478,459	5,066,221	83,067	64,588	....	4,918,566	....	....	....
Randolph	389,440	348,278	737,718	11,267	3,700	194,307	528,444	81,223	68,057	152,280
Taylor	514,790	553,982	1,068,772	10,067	2,183	113,672	942,850	17,613	16,487	34,100
Tucker	581,046	618,067	1,199,113	31,384	11,970	21,540	1,134,219	10,279	4,082	14,361

RECAPITULATION—Continued.

COUNTY.	Production of Coal (Tons of 2240 lbs.)			Distribution of Coal (Tons of 2240 lbs.)				Production of Coke (Tons of 2000 lbs.)		
	First six months	Second six months	Total coal produced during year	Used in operation of mine	Furnished local trade and tenants	Used in coke ovens	Quantity shipped from mines	First six months	Second six months	Total coke production for year
Upshur	42,477	54,996	97.473	1,354	1,051	13,200	81,868	5,280	5,280	10,560
Wayne	29,362	25,698	55,060	474	713	....	53,873	....	....	....
Wyoming	11,408	28,381	39,789	....	689	....	39,100	....	....	....
Small Country Mines	150,000	150,000	300,000	....	300,000	....	....	....	....	....
Grand Total for 1914	33,585,751	32,197,337	65.783,088	1,425,487	993,796	2,907.434	60,456,371	1,099,181	858,220	1,957,401
Grand Total for 1913	30,248,824	31,521,528	61,770,352	1,159,644	1,353,304	3,763,077	55,494,327	1,208,956	1,312,844	2,521,800
Changes	*3,336,927	*675.809	*4,012,736	*265.843	†359,508	†855,643	*4,962,044	†109,755	†454,624	†54,399

* Means increase.
† Means decrease.



Turbine Generators—Power Station,
Davis Coal & Coke Co.

SUMMARY OF

Production of Coal by Geographical Districts.

FOR THE FISCAL YEAR ENDING JUNE 30, 1914.

Tons of 2,240 lbs.

Interior District	405,059
Kanawha-New River District	20,567,977
Monongahela District	15,611,399
Norfolk & Western District	24,845,016
Potomac District	1,077,031
Wheeling District	2,976,606
Total Commercial Mines	65,483,088
Total Small Country Mines	300,000
Grand Total	65,783,088

Production of Coal by Geographical Districts for the Fiscal Year Ending June 30, 1914.

INTERIOR DISTRICT.

(Counties of Braxton, Gilmer, Greenbrier and Lewis.)

BRAXTON COUNTY.

Braxton Coal & Coke Co	28,600
Copen Creek Coal Co., The	26.560
Davis Colliery Co	209,941

GILMER COUNTY.

Gilmer Consolidated Coal Co	13,840
Gilmer Fuel Co	62,454
McCaa Coal Co	12,075

GREENBRIER COUNTY.

Elk Lick Coal Co	22,633

LEWIS COUNTY.

Kroger Gas Coal Co	28,956
Total	405,059

KANAWHA-NEW RIVER DISTRICT.

(Counties of Boone, Clay, Fayette, Kanawha, Lincoln, Mason, Nicholas, Putnam and Raleigh.

BOONE.

Anchor Coal Co	96,376
Coal River Co., The	87,352
Hickory Ash Coal Co., The	55,750
Horse Creek Block Coal Co	2,176
Peytona Block Coal Co	37,439
Seng Creek Coal Co	62,836
Spruce River Coal Co., The	59,359
Webb Coal Mining Co	71,705

CLAY COUNTY.

Elk Manor Coal Co	32,958
Elliott Splint and Gas Coal Co	50,117
Elk River Coal & Lumber Co	290,701
Queen Shoals Coal Co	22,635

FAYETTE COUNTY.

Ajax Coal Co	27,504
Alaska Coal & Coke Co	21,555
Babcock Coal & Coke Co	62,175
Ballinger Coal Co	37,392
Beechwood Coal & Coke Co	93,424
Beury Bros. Coal & Coke Co	36,822
Big Bend Coal Co	20,298
Blume Coal & Coke Co	51,353

Boomer Coal & Coke Co	622,551
Blume, G. M. (Estate)	14,601
Branch Coal & Coke Co	59.913
Brown Coal Co	72,588
Cannelton Coal & Coke Co	118,703
Christian Colliery Co	100,000
Collins Colliery Co	144,820
Columbus Iron & Steel Co	139,887
Deitz Colliery Co	51,599
Dun Glen Coal Co	22,889
Dunloop Coal Co	192,040
Elmo Mining Co	26,341
Ephraim Creek Coal & Coke Co	134,320
Eureka Coal Co., The	24,797
Evans & Sons	9.885
Export Coal Co	24,363
Fire Creek Coal & Coke Co	34.638
Fort Defiance Coal Co	50,357
Gauley Mountain Coal & Coke Co	166,166
Glendale Colliery Co	29.862
Greenwood Coal Co., The	96,743
Harvey Coal & Coke Co	151,153
Hemlock Hollow Coal & Coke Co	50,440
Holliday Coal Co	32,985
Johnson, W. R., Coal Co	122,897
Keeney's Creek Colliery Co	96,144
Laura Mining Co	31,747
Laurel Creek Coal Co	46,260
Long Branch Coal Co	114,333
Lookout Coal & Coke Co	24,054
Loup Creek Colliery Co	284,399
Low Moor Iron Co. of Va., The	168,443
Lynchburg Colliery Co	79,103
Macdonald Colliery Co	59,618
M.-B. Coal & Coke Co	206,867
McKell C. & C. Co	277,538
Meadow Fork Coal Co	25,482
Mecca Colliery Co	131,931
Michigan Coal Co	17,767
Midvale Colliery Co	79,300
Milburn Coal & Coke Co	36,921
Mill Creek Colliery Co	30,229
Mt. Carbon Co., Ltd	76,292
Mount Hope Coal & Coke Co	63,451
Newlyn Coal Co	15.367
New River Collieries Co	327,241
New River & Poca. Cons. Coal Co	984,801
Nichol Colliery Co	61,009
Nuttallburg Smokeless Fuel Co	40,190
Paint Creek Colls. Co	10,777
Prudence Coal Co	136,262
Quinnimont Coal Co	50,523
Ridgeview Coal Co	4,808
River Valley Colliery Co	18,418
Rock Lick Coal Co	95,093
Rothwell Coal Co	35,012
Scotia Coal & Coke Co	131,881
Sewell Colliery Co	29,696
Signal Knob Coal Co	15.204
Solvay Collieries Co	326,840
South Side Co	65,554

Star Coal & Coke Co., The	135,315
St. Clair Colliery Co	65,183
Stone Cliff Coal & Coke Co	25,353
Stuart Colliery Co	114,933
Sugar Creek Coal & Coke Co	79,502
Sunday Creek Co	602,954
Turkey Knob Coal Co	132,088
White Oak Fuel Co	347,435

KANAWHA COUNTY.

Belmont Coal Co	59,965
Blue Creek Coal & Land Co	75,775
Cabin Creek Consolidated Coal Co	988,206
Cannelton Coal & Coke Co	270,869
Campbell's Creek Coal Co., The	311,881
Carbon Coal Co	175,468
Chesapeake Mining Co	105,149
Coalburg Colliery Co	100,000
Coalburg-Kanawha Coal Co., The	79,643
Dry Branch Coal Co	84,000
East Bank Mining Co	8,600
Eureka Coal Co	35,345
Hackett Coal Co	4,908
Hughes Creek Coal Co	115,002
Graham, W. W	12,000
Imperial Colliery Co	192,700
Kelly's Creek Collieries Co	306,521
Lewis Coal Co	31,827
Marmet Coal Co., The	153,203
Mill Creek Cannel Mining Co	9,732
Montgomery Coal Co	37,869
Morris Fork Coal Co	43,527
National Bituminous Coal & Coke Co	172,557
Olcott Coal & Iron Co	59,590
Paint Creek Colls. Co	236,840
Pen Mar Mining Co	6,326
Queen Shoals Coal Co	8,474
Quincy Coal Co	56,292
Republic Coal Co	135,556
Southwestern Splint Fuel Co	43,724
Standard-Kanawha Coal Mining Co	64,575
Standard Splint & Gas Coal Co	81,144
Sunday Creek Co	261,753
Virginia Coal Co	31,964
Wake Forest Mining Co	82,891
West Va. Colliery Co	268,982
Winifrede Coal Co	188,908
Wyatt Coal Co	207,017

LINCOLN COUNTY.

Branchland Coal Co	38,432
Guyan River Coal Co	23,156

MASON COUNTY.

Hutchinson Coal Co	87,550
Jackson Coal & Mining Co	29,672
Newton, J. M & D. E. Co	6,408

NICHOLAS COUNTY.

Coalbell Coal Co	9,763

Pardee & Curtin Lumber Co	9,395
Saxman Coal & Coke Co	77,282

PUTNAM COUNTY.

Black Betsey Coal & Mining Co	245,717
Oak Forest Coal & Mining Co	1,228
Otto Marmet Coal & Mining Co., The	165,034
Plymouth Coal & Mining Co	142,944

RALEIGH COUNTY.

Bailey Wood Coal Co	90,000
Beckley Coal & Coke Co	92,927
Blue Jay Lumber Co	12,140
Clear Fork Coal Co	73,564
Cranberry Fuel Co	180,419
Four States Coal & Coke Co	527,949
Gulf Coal Co	100,172
Gulf Smokeless Coal Co	316,351
Lanark Coal Co	48,956
Lynwin Coal Co	91,532
Mabscott C. & C. Co	95,647
McAlpin Coal Co	258,255
McKell Coal & Coke Co	259,769
Marsh Fork Coal Co	60,658
New River Collieries Co	525,499
Pemberton Coal & Coke Co	252,195
Pemberton Fuel Co	26,218
Piney Mining Co	255,280
Price Hill Fuel Co	704
Raleigh Coal & Coke Co	379,998
Slab Fork Coal Co	294,368
Stonewall Coal & Coke Co	74,368
Sullivan Coal & Coke Co	115,297
White, B. H	3,118
White, E. E., Coal Co	561,823
Winding Gulf Colliery Co	258,960
Wood Peek Coal Co	36,330
Wright Coal & Coke Co	87,704
Total	20,567,977

MONONGAHELA DISTRICT.

(Counties of Barbour, Harrison, Marion, Monongalia, Preston, Randolph, Taylor and Upshur.)

Century Coal Co., The	389,282
Consolidation Coal Co	183,747
Crawford, H. M., Coal Co	1,235
Davis Coal & Coke Co	177,431
Davis Colliery Co	63,155
Gage Coal & Coke Co	22,164
Grafton Fuel Co	39,602
Green, W. H	20,000
Humphreys Coal Co	44,943
Laurel Creek Coal Co	10,903
Luella Coal & Coke Co	38,860
Sandridge, Lee J	64,568
Tygarts River Coal Co	42,605

HARRISON COUNTY.

Barnard Coal Co	21,373
Blue Ridge Coal Co	14,254
Byron Coal Co	77,595
Calif Coal Co	22,916
Central Fairmont Coal Co	79,222
Clarksburg Gas Coal Co	45,365
Consolidation Coal Co., The	1,947,228
Corona Coal & Coke Co	120,320
Fayette Coal Co	50,008
Fairmont & Balto Coal & Coke Co	82,495
Francois Coal & Coke Co	24,861
Harrison Coal Co	23,812
Harry B. Coal & Coke Co	125,799
Haywood Coal Mining Co	55,310
Hero Coal & Coke Co	37,570
Hutchinson Coal Co	864,951
Hygrade Coal Co	11,887
Johnson-McIntyre Coal Co	44,875
Lambert Run Coal Co	75,082
Maderia-Hill-Clark Coal Co	308,512
Marion Gas Coal Co	113,827
Marshall Coal Co	272,132
Monongah Fuel Co	27,799
National Coal Co	21,191
Orr Coal Mining Co	72,915
Orr-Shields Coal Co	33,175
Overholt Coal Co	24,000
Righter Coal & Coke Co	98,358
Rosebud Fuel Co	80,950
Templeton Coal Co	46,470
Vincent Coal Co	64,378
Va.-Maryland Coal Corporation	186,658
Winchester Coal Co	22,350

MARION COUNTY.

Catawba Coal Co	13,997
Connellsville Coal & Coke Co	11,206
Consolidation Coal Co., The	2,451,397
Dakota Coal & Coke Co	126,367
Fairmont & Cleveland Coal Co	107,209
Federal Coal & Coke Co	568,520
Four States Coal & Coke Co	375,719
Harry B. Coal Co	82,502
Jamison Coal & Coke Co	1,455,896
Kilarm Coal & Coke Co	24,528
Manley & Zeek Coal Co	7,241
McCoy Coal Co	1,781
New Central Coal Co	180,125
Phillips Coal Co	17,792
Robinson Coal Co	14,700
Virginia & Pittsburgh Coal & Coke Co	391,090

MONONGALIA COUNTY.

Antler Coal Co	32,000
Consolidation Coal Co., The	44,600
Elkins Coal & Coke Co	240,965
Great Scott Coal & Coke Co., The	11,131
Pittsburgh Steam Coal Co	20,250
Southern Connellsville Coke Co	51,100

PRESTON COUNTY.

Austen Coal & Coke Co	147,547
Borgman Coal Co	51,950
Elkins Coal & Coke Co	478.013
Gorman Coal & Coke Co	28,778
Hiorra Coke Co	56,861
Hite Coal & Coke Co	12,277
Irona Coal Co	23,047
Kendall Lumber Co	9,030
Kingwood Coal Co	45,387
Late, Gordon B. Coal Co	11,883
Preston County Coke Co	144,768
Pretson Fuel Co	14,221
Somerset Smokeless Coal Co	217.548
Virginia-Maryland Coal Corporation	24,819
Wills, John	15,052

RANDOLPH COUNTY.

Davis Coal & Coke Co	201,777
Davis Colliery Co	420,064
Green Coal Co	1,000
Humphreys, A. M., Receiver Brady Coal Co	24,808
Jenkins, J. B., Coal & Coke Co	60,000
Rich Mountain Coal Co	11,236
West Virginia Pulp & Paper Co	18,833

TAYLOR COUNTY.

Davis, T. B. (Estate	37,459
Grafton Coal & Coke Co	35,537
Maryland Coal Co. of W. Va	387,861
McGraw Coal Co	93,159
Pittsvein Coal Co	111,055
Rosemont Coal Co	231,839
Sterling Coal Co	17,082
Sunnyside Coal Co	12,240
Winona C. & C. Co	140,540

UPSHUR COUNTY.

Buckhannon River Coal & Coke Co	51,798
Newcomer Coal Co	4,261
Red Rock Fuel Co	41,414
Total	15,611,399

NORFOLK & WESTERN DISTRICT.

(Counties of Logan, McDowell, Mercer, Mingo, Wayne and Wyoming.)

LOGAN COUNTY.

Amherst Coal Co	71,657
Aracoma Coal Co	175,458
Argyle Coal Co	18,562
Avon Coal Co	91,359
Black Hawk Colliery Co	14,622
Buffalo Eagle Coal Co	9,500
Coal River Coal & Coke Co	89,383
Coal Valley Mining Co	77,400
Cora Coal & Coke Co	117,077
Crown Coal & Coke Co	42,320
Cub Fork Coal Co	9,350

Draper Coal & Coke Co	56,725
Eagle Island Coal Co	19,564
Ethel Coal Co	166,674
Fort Branch Coal Co	51,899
Frieze Fork Coal Mining Co., The	18,538
Gay Coal & Coke Co	126,666
George's Creek Coal Co., Inc	17,200
Guyandott Coal Co	35,523
Huddleston Coal Co	28,000
Johnson E. R., Coal Mining Co	26,373
Kohinoor Coal & Coke Co	101,539
Logan Coal Co	92,825
Logan Mining Co	295,335
Long Flame Coal Co	48,338
Main Island Creek Coal Co	10,634
Manbar Coal Co	34,510
Mifflin Coal Co	67,054
Monitor Coal & Coke Co	305,531
McGregor Coal Co	85,910
Opperman Coal Co., The	44,732
Paragon Colliery Co	59,793
Rex Coal & Coke Co	89,600
Rich Creek Coal Co	28,720
Shamrock Coal Co	88,746
Sovereign Coal Co	26,243
Spruce Bend Coal Co	61,790
Spruce Valley Coal Co	27,362
Stone Branch Coal Co	88,487
Summers, H. B., Coal Co	24,000
Sunbeam Coal Co	30,659
Thomas, D. C., Coal Co	51,124
U. S. Coal & Oil Co	2,166,157
Wilson, H. T., Coal Co	87,309
Yuma Coal & Coke Co	121,601

McDOWELL COUNTY.

Algoma Coal & Coke Co	194,717
Arlington Coal & Coke Co	109,848
Ashland Coal & Coke Co	258,256
Black Wolf Coal & Coke Co	61,652
Bottom Creek C. & C. Co	210,472
Buchanan Coal Co	19,560
Carter Coal Co	411,688
Central Pocahontas Coal & Coke Co	23,995
Central West Poca. Coal Co., The	8,921
Cirrus C. & C. Co	71,690
Columbus Pocahontas Coal Co	12,531
Crozer C. & C. Co	356,902
Davy Pocahontas Coal Co	85,270
Dry Fork Collieries Co	105,603
Elkhorn Coal & Coke Co	183,307
Elk Ridge C. & C. Co	115,656
Empire Coal & Coke Co	237,505
Eureka Coal & Coke Co	174,493
Excelsior Poca Coal Co	113,067
Flanagan Coal Co	152,251
Flat Top Coal Co	52,749
Fortune Hunter Coal Co	23,022
Gilliam Coal & Coke Co	117,666
Greenbrier Coal & Coke Co	137,663

Hemphill Colliery Co	36,356
Henrietta Poca. Coal Co	16,965
Houston Coal & Coke Co	366,188
Houston Collieries Co	176,099
Indian Ridge Coal & Coke Co	126,139
J. B. B. Coal Co	346,306
Johns Branch Coal Co	25,324
Keystone Coal & Coke Co	294,362
Kimball-Poca Coal Co	27,219
King Coal Co	244,754
Lake Superior Coal Co	125,380
Lathrop Coal Co	148,625
Lynchburg Coal & Coke Co	219,454
McDowell Coal & Coke Co	249,148
Mohawk Coal & Coke Co	100,000
New River & Pocahontas Consolidated Coal Co	407,825
New Pocahontas Coal Co	34,222
Oregon Coal Co	87,432
Page Coal & Coke Co	277,933
Panther Coal Co	1,891
Peerless Coal & Coke Co	249,010
Pocahontas Consolidated Collieries Co., Inc	2,069,070
Pocahontas-Domestic Coal Co	29,538
Pocahontas Smokeless Coal Co	41,035
Powhatan C. & C. Co	264,450
Premier-Pocahontas Colls. Co	299,423
Pulaski Iron Co	354,466
Roanoke Coal & Coke Co	127,923
Shawnee C. & C. Co	134,545
Solvay Collieries Co	273,797
Superior Poca Coal Co	195,734
Standard Poca Coal Co	87,925
Tidewater Coal & Coke Co	141,495
Turkey Gap Coal & Coke Co	137,796
U. S. Coal & Coke Co	2,366,836
Upland Coal & Coke Co	264,365
Vaughan Coal & Coke Co	12,000
War Creek Coal Co	29,982
Welch Coal & Coke Co	40,461
West Va.-Pocahontas Coal Co	216,476
Yukon-Pocahontas Coal Co	94,948
Zenith Coal & Coke Co	166,683

MERCER COUNTY.

American Coal Co	511,588
Booth-Bowen Coal & Coke Co	191,197
Buckeye Coal & Coke Co	178,680
Crystal Coal & Coke Co	194,848
Ennis Coal Co	63,844
Godfrey Coal Co	24,548
Louisville Coal & Coke Co	147,495
Mill Creek Coal & Coke Co	278,247
Pawama Coal & Coke Co	92,168
Pocahontas Consolidated Collieries Co., Inc	539,038
Smokeless Coal Co., The	45,700
Solvay Collieries Co	88,764
Thomas Coal Co	202,773
Turkey Gap Coal & Coke Co	138,838
Weyanoke Coal & Coke Co	152,772

MINGO COUNTY.

Buffalo Collieries Co., The	131,888
Crystal Block Coal & Coke Co	87,944
Glen Alum Coal Co	274,763
Grey Eagle Coal Co	52,088
Howard Colliery Co	161,361
Howard Junior Coal Co	91,103
Magnolia Coal & Coke Co	34,193
Margaret Mining Co	67,591
Mary Helen Coal Co	70,142
Mingo Washed Coal Co	10,874
Red Jacket Consolidated C. & C. Co	369,526
Red Jacket Junior Coal Co	192,738
Shanklin, Jas. R., Coal Co., The	80,415
Sternberger Coal Co	87,937
Stone Mountain Coal Co	18,090
Superior Thacker Coal Co	24,461
Sycamore Coal Co	143,630
Thacker Coal & Coke Co	315,211
War Eagle Coal Co	145,890
White Star Mining Co	56,250
Williamson Coal & Coke Co	97,443

WAYNE COUNTY.

East Lynn Coal Co	55,060

WYOMING COUNTY.

Mead-Pocahontas Coal Co	35,789
Trace Fork Coal Co	4,000
Total	24,845,016

POTOMAC DISTRICT.

(Counties of Grant, Mineral, Morgan and Tucker.)

Buffalo Creek Cumberland Coal Co	88,212
Davis Coal & Coke Co	92,090
Jordon, S. H	9,444

MINERAL COUNTY.

Abrams Creek Coal & Coke Co	78,222
Big Vein Coal Co. of W. Va	20,025
Carroll-Cross Coal Co	48,792
Davis Coal & Coke Co	327,599
Grafton Mining Co	22,557
Gleason Coal & Coke Co	49,627
Hamill Coal & Coke Co	22,358
Masteller Coal Co., The	118,992

TUCKER COUNTY.

Cooper, J. Calvin	9,747
Cumberland Coal Co	161,504
Davis Coal & Coke Co	1,027,862
Total	2,077,031

WHEELING DISTRICT.

(Counties of Brooke, Hancock, Marshall and Ohio.)

LaBelle Iron Works	180,325
Richland Block Coal Co	130,792
West Va. Pittsburgh Coal Co	253,220

MARSHALL COUNTY.

Ben Franklin Coal Co	100,190
Glendale Coal Co	120,486
Hitchman Coal & Coke Co	393,593
Kunz Bros. & Miller	8,300
Mound Coal Co	104,029
Parr's Run Coal Co	70,000
Wheeling Steel & Iron Co	132,827

OHIO COUNTY.

Creighton, W. F	4,180
Elm Grove Coal Co., The	36,145
Richland Coal Co	378,259
Storch, Peter & Sons	8,250
Whitaker-Glessner Co	56,010
Total	1,976,606

A COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, BY COUNTIES, 1914.

(Tons of 2,240 lbs.)

COUNTY.	Pick Mined Coal	Machine Mined Coal	Total Production
Barbour	575,668	522,827	1,098,495
Boone	31,669	441,324	472,993
Braxton	188,778	76,323	265,101
Brooke	68,883	495,454	564,337
Clay	22,635	373,776	396,411
Fayette	4,952,794	3,734,194	8,686,988
Gilmer	....	88,369	88,369
Grant	99,059	90,687	189,746
Greenbrier	22,425	208	22,633
Harrison	1,656,130	3,441,514	5,097,644
Kanawha	987,301	4,121,482	5,108,783
Lewis	28,956	....	28,956
Lincoln	....	61,588	61,588
Logan	188,504	5,145.439	5,333,943
Marion	1,998,395	3,831,765	5,830.070
Marshall	12,736	916,689	929,425
Mason	29,296	94,334	123,630
McDowell	8,426,370	5,628,787	14,055,157
Mercer	2,113,270	737,229	2,850,499
Mineral	616,199	71,973	688,172
Mingo	192,797	2,317,771	2,510,568
Monongalia	322,416	77,630	400,046
Nicholas	74,043	22,397	96,440
Ohio	74,480	408,364	482,844
Preston	973,046	308,135	1,281,181
Putnam	553,695	1,228	554,923
Raleigh	3,172,443	1,893,778	5,066,221
Randolph	585,872	151,846	737,718
Small mines	300,000	....	300,000
Taylor	314,404	754,368	1,068,772
Tucker	1,184,594	14,519	1,199,113
Upshur	34,941	62,532	97,473
Wayne	....	55,060	55,060
Wyoming	39,789	....	39,789
Grand Totals	29,841.498	35,941,590	65,783,088

Bath House.

Elk River Coal & Lumber Co.

STATEMENT SHOWING NO. OF MINES USING MACHINES, NUMBER OF MACHINES IN USE, TONNAGE PRODUCED BY MACHINES, NUMBER OF MACHINE MINERS, RUNNERS AND HELPERS, TOTAL NUMBER OF MACHINE EMPLOYEES, NUMBER OF PICK MINERS AND TONNAGE PRODUCED BY PICK MINERS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY	No. of Mines Using Machines	No. of Mine Machines in Use	Coal Produced by Machines, Tons of 2,240 lbs.	No. of Machine Miners	No. of Machine Runners and Helpers	Total No. of Machine Employees	No. of Pick Miners	Coal Produced by Pick Mining, Tons of 2,240 lbs.
Barbour ...	8	43	522,827	296	66	362	396	575,668
Boone	8	39	441,324	347	58	405	27	31,669
Braxton ...	2	8	76,323	56	12	68	119	188,778
Brooke	5	33	495,454	415	66	481	81	68.883
Clay	3	16	373,776	204	28	232	30	22,635
Fayette ...	78	318	3,734,194	2,909	608	3,517	4,168	4,952.794
Gilmer	3	9	88,369	58	16	74	......	....
Grant	1	5	90,687	30	10	40	92	99,059
Greenbrier .	1	2	208	......	2	2	15	22,425
Harrison ..	51	278	3,441,514	1,773	463	2,236	888	1,656,130
Kanawha ..	80	375	4,121,482	3,119	631	3,750	866	987,301
Lewis	....	......	....	......	......	......	30	28,956
Lincoln	2	8	61,588	10	14	24	20	....
Logan	55	220	5,145,439	2,405	391	2,796	130	188,504
Marion	22	292	3,831,765	1,664	513	2,177	1.108	1,998.305
Marshall ..	6	38	916,689	662	74	736	12	12.736
Mason	3	7	94,334	108	18	126	42	29,296
McDowell ..	62	312	5,628,787	4,183	523	4,706	4,625	8,426,370
Mercer	13	49	737,229	575	87	662	1,169	2,113,270
Mineral ...	3	9	71,973	64	12	76	631	616.199
Mingo	24	162	2,317,771	1,089	272	1,361	128	192,797
Monongalia	2	5	77,630	35	11	46	227	322,416
Nicholas ..	2	6	22,397	36	10	46	56	74,043
Ohio	4	20	408,364	366	52	418	16	74,480
Preston ...	9	39	308,135	217	62	279	688	973,046
Putnam ...	1	1	1,228	6	2	8	705	553,695
Raleigh ...	28	119	1,893,778	981	221	1,202	2,028	3,172,443
Randolph ..	3	11	151,846	79	18	97	388	585.872
Small Country Mines.	....	......	....	......	......	......	......	300,000
Taylor	6	38	754,368	497	65	562	321	314,404
Tucker	1	1	14,519	111	2	113	868	1,184,594
Upshur ...	2	9	62,532	60	16	76	16	34,941
Wayne	1	4	55,060	......	6	6	......	....
Wyoming ..	....	......	....	......	......	......	34	39,789
Totals ..	489	2,467	35,941,590	22,355	4.329	26,684	19,924	29,841,498

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
BARBOUR COUNTY								
Century Coal Co.	No. 1	14	192,353	102	17	119	47	114,954
Century Coal Co.	No. 2	2	20,494	12	4	16	42	61,481
Crawford, H. M.	Adma	...	....	.....	.....	.....	8	1,235
Consolidation Coal Co., The	No. 37	12	113,972	46	24	70	20	69,775
Davis Coal & Coke Co.	Dartmoor No. 4	...	....	.....	.....	.....	133	149,373
Davis Coal & Coke Co.	Weaver No. 3	...	....	.....	.....	.....	4	28,058
Davis Colliery Co.	Junior No. 4	...	....	.....	.....	.....	45	63,155
Gage Coal & Coke Co.	Sara	2	7,890	9	2	11	15	14,274
Grafton Fuel Co.	Lillian No. 1	4	36,002	25	4	29	5	3,600
Green, W. H.	Williette	...	....	.....	.....	.....	35	20,000
Humphreys Coal Co.	Humphreys	2	44,943	25	3	28	.....	....
Laurel Creek Coal Co.	Laurel Creek	...	....	.....	.....	.....	12	10,903
Luella Coal & Coke Co.	Luella	...	....	.....	.....	.....	30	38,860
Sandridge, Lee J.	Meriden	4	64,568	50	6	56	.....	....
Tygarts River Coal Co.	Arden	3	42,605	27	6	33	.....	....
Total		43	522,827	296	66	362	396	575,668
BOONE COUNTY								
Anchor Coal Co.	Anchor	4	96,376	63	6	69	.....	....
Coal River Coal Co., The	Ottawa Nos. 1 & 2	5	74,904	42	6	48	14	12,448
Hickory Ash Coal Co.	Hickory Ash	5	55,750	57	10	67	.....	....
Horse Creek Block Coal Co.	Opal No. 1	1	1,159	10	2	12	.....	1,017
Peytona Block Coal Co.	Peytona	4	37,439	35	8	43	.....	....
Seng Creek Coal Co.	Seng Creek	3	48,499	30	6	36	10	14,337
Spruce River Coal Co.	Ramage No. 1	4	55,492	60	12	72	3	3,867
Webb Coal Mining Co.	Webb	4	71,705	50	8	58	.....	....
Total		30	441,324	347	58	405	27	31,669

BRAXTON COUNTY								
Braxton Coal & Coke Co.	Braxton	...	....	21	.....	21	.....	28,600
Copen Creek Coal Co.	Van With	...	....	.....	.....	.....	30	26,560
Davis Colliery Co.	Copen No. 11	1	6,418	35	12	47	49	69,097
Davis Colliery Co.	Bower No. 10	7	69,905	.....	.....	.....	40	64,521
Total		8	76,323	56	12	68	119	188,778
BROOKE COUNTY								
LaBelle Iron Works	LaBelle Shaft	7	168,724	90	14	104	8	11,601
Richland Block Coal Co.	Beech Bottom	6	102,925	96	12	108	30	27,867
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1	11	112,966	100	22	122	40	27,344
West Virginia-Pittsburgh Coal Co.	Gilchrist No. 3	3	41,417	44	6	50	.....	280
West Virginia-Pittsburgh Coal Co.	LaBelle No. 4	6	69,422	85	12	97	3	1791
Total		33	495,454	415	66	481	81	68,883
CLAY COUNTY								
Elliott Splint Coal Co.	York No. 1	3	50,117	51	4	55	.....	....
Elk Manor Coal Co.	Derfee	5	32,958	35	8	43	.....	....
Elk River Coal & Lumber Co.	Rich Run	8	290,701	118	16	134	.....	....
Queen Shoals Coal Co.	Burnzwell	...	....	.....	.....	.....	30	22,635
Total		16	373,776	204	28	232	30	22,635
FAYETTE COUNTY								
Ajax Coal Co.	Ajax	...	....	.....	.....	.....	40	27,504
Alaska Coal & Coke Co.	Alaska	...	....	.....	.....	.....	12	21,555
Babcock Coal & Coke Co.	Nos. 3 & 4	6	12,498	8	4	12	55	49,677
Ballinger Coal Co.	No. 1	...	....	.....	.....	.....	53	37,392
Beechwood Coal & Coke Co.	No. 1	...	....	.....	.....	.....	60	61,482
Beechwood Coal & Coke Co.	No. 2	...	....	.....	.....	.....	40	31,942
Beury Bros. Coal & Coke Co.	Echo & Klondyke	...	....	.....	.....	.....	35	36,822
Big Bend Coal Co.	Big Bend	...	....	.....	.....	.....	22	20,298
Blume, G. M. (Estate)	Fayette	2	7,376	30	4	34	10	7,225
Blume Coal & Coke Co.	Blume	6	38,515	20	10	30	20	12,878
Boomer Coal & Coke Co.	No. 1	1	6,992	25	2	27	42	14,364
Boomer Coal & Coke Co.	No. 2 North	5	106,496	65	10	75	105	84,475
Boomer Coal & Coke Co.	No. 2 South	5	98,610	71	10	81	14	6,375
Boomer Coal & Coke Co.	No. 3	1	6,524	18	2	20	62	98,545
Boomer Coal & Coke Co.	No. 4	8	160,914	136	16	152	.....	....
Boomer Coal & Coke Co.	No. 5	3	39,256	41	6	47	.....	....
Branch Coal & Coke Co.	Elverton	...	....	.....	.....	.....	45	59,913
Brown Coal Co.	Brown	6	28,077	30	10	40	48	44,511
Cannelton Coal & Coke Co.	No. 2	12	225,117	210	22	232	10	4,516
Cannelton Coal & Coke Co.	No. 3	1	13,118	21	2	23	.....	....
Cannelton Coal & Coke Co.	No. 4	4	46,561	65	6	71	.....	....

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Christian Colliery Co.	Eagle	4	74,900	35	6	41	.....	....
Christian Colliery Co.	Powelton	2	25,100	15	4	19	.....	....
Collins Colliery Co.	Nos. 1, 2, 3 & 4	5	14,108	25	10	35	40	100.712
Columbus Iron & Steel Co.	No. 1	6	112,965	64	14	78	24	26,922
Deitz Colliery Co.	Deitz	...	....	.....	.....	.....	84	51,599
Dun Glen Coal & Coke Co.	Dun Glen	...	....	.....	.....	.....	14	22,889
Dunn Loop Coal & Coke Co.	Dunn Loop	6	10,841	12	4	16	161	181,199
Elmo Mining Co.	Elmo	3	17,358	19	6	25	15	8,984
Eureka Coal Co.	No. 2	...	....	.....	.....	.....	20	24,797
Ephraim Creek Coal & Coke Co.	Buffalo & Slater	9	29,828	20	8	28	85	104,493
Export Coal Co.	Export	...	....	.....	.....	.....	30	24,363
Evans & Sons	Great Kanawha	...	....	.....	.....	.....	10	9,885
Fire Creek Coal & Coke Co.	Buffalo	...	....	.....	.....	.....	45	34,638
Fort Defiance Coal & Coke Co.	Fort Defiance	6	35,220	32	8	40	14	17,857
Gauley Mountain Coal Co., The	Buck Run	3	14,880	20	4	24	.....	....
Gauley Mountain Coal Co., The	Scotia & Turkey Creek	18	64,937	65	35	100	55	86,349
Glendale Colliery Co.	Buck Lick	...	....	.....	.....	.....	30	29,862
Greenwood Coal Co.	Greenwood	1	4,850	5	2	7	78	91,893
Harvey Coal & Coke Co.	Harvey	6	71,091	35	12	47	53	80,062
Hemlock Hollow Coal & Coke Co.	Hemlock	3	8,951	20	6	26	28	41,489
Holliday Coal Co.	Keeneys Creek	...	....	.....	.....	.....	35	32,985
Johnson, W. R., Coal Co.	Crescent	...	....	.....	.....	.....	10	15,322
Johnson, W. R., Coal Co.	Oakland	2	34,511	25	4	29	60	73,064
Keeney's Creek Colliery Co.	Boone	2	16,554	12	2	14	23	27,551
Keeney's Creek Colliery Co.	Smokeless	4	33,640	30	4	34	18	18,398
Laura Mining Co.	Laura	...	....	.....	.....	.....	19	31,747
Laurel Creek Coal Co.	Laurel	1	1,000	.....	2	.....	40	45,260
Lookout Coal & Coke Co.	Lookout	4	24,054	20	12	32	.....	....
Long Branch Coal Co.	No. 2	...	....	.....	.....	.....	80	114,333
Loup Creek Colliery Co.	No. 2	12	32,046	20	25	45	182	252,354
Low Moor Iron Co. of Va.	No. 1	3	35,770	15	10	25	90	104,067

Low Moor Iron Co. of Va.	No. 2	3	9,163	16	4	20	34	194,443
Lynchburg Colliery Co.	Lynchburg	...	....	.....	.....	.....	95	79,103
M. B Coal & Coke Co.	Kimberly No. 3	3	49,018	35	6	41	.....	....
M. B. Coal & Coke Co.	Columbia No. 5	2	25,272	20	4	24	6	6,481
M. B. Coal & Coke Co.	Elkridge No. 1	4	59,554	40	6	46	4	2,159
M. B. Coal & Coke Co.	Elkridge No. 2	4	61,465	45	6	51	4	2,908
Macdonald Colliery Co.	Macdonald	1	5,210	.....	2	2	34	54,408
McKell Coal & Coke Co.	Derryhale	3	....	.....	2	.....	35	56,742
McKell Coal & Coke Co.	Kilsyth	7	55,199	38	14	52	111	165,597
Mecca Colliery Co.	Edgewater	3	1,177	23	6	29	2	29,532
Mecca Colliery Co.	Diamond	4	34,174	32	8	40	11	18,348
Mecca Colliery Co.	Mecca Gas	3	17,500	14	6	20	12	10,494
Mecca Colliery Co.	Mecca Splint	1	....	.....	.....	.....	29	20,701
Meadow Fork Coal Co.	Meadow Fork	...	....	.....	.....	.....	32	25,482
Michigan Coal Co.	Michigan	...	....	.....	.....	.....	19	17,767
Milburn Coal Co.	No. 1	2	36,921	50	4	54	.....	....
Mill Creek Colliery Co.	Mill Creek	12	30,229	35	12	47	.....	....
Midvale Colliery Co.	Midvale	...	....	.....	.....	.....	55	79,300
Mount Carbon Co., Ltd.	Vulcan	3	11,157	11	2	13	52	65,135
Mount Hope Coal & Coke Co.	Baby	...	....	.....	.....	.....	36	63,451
Newlyn Coal Co.	Newlyn	...	....	.....	.....	.....	20	15,367
New River Collieries Co.	Sun Nos. 1, 2 & 3	4	70,243	33	10	43	123	327,241
New River & Poca. Consol. Coal Co.	Layland Nos. 1, 2 & 3	...	....	.....	.....	.....	290	305,333
New River & Poca. Consol. Coal Co.	Minden No. 2	4	51,773	63	10	73	38	137,937
New River & Poca. Consol. Coal Co.	Minden No. 3	6	105,979	76	14	90	99	99,173
New River & Poca. Consol. Coal Co.	Minden No. 4	1	118,112	66	12	78	62	56,906
New River & Poca. Consol. Coal Co.	Minden No. 5	6	116,416	72	12	84	32	44,945
Nichol Colliery Co.	Nichol	4	45,757	25	4	29	10	15,252
Nuttallburg Smokeless Fuel Co.	Nuttallburg	5	26,529	25	8	33	15	13,661
Paint Creek Collieries Co.	Hickory Camp	1	10,777	10	2	12	.....	....
Prudence Coal Co.	Prudence	2	15,369	11	4	15	90	120,893
Quinnimont Coal Co.	Big Q & Lick Branch	1	8,420	9	1	10	41	42,102
Ridgeview Coal Co.	Ridgeview	...	....	.....	.....	.....	18	4,808
Rivery Valley Colliery Co.	Bachman	3	18,418	24	10	34	.....	....
Rock Lick Coal Co.	No. 1	2	14,952	30	15	45	70	71,113
Rock Lick Coal Co.	No. 2	...	....	.....	.....	.....	9	9,028
Rothwell Coal Co.	Dubree	2	19,484	16	2	18	16	15,528
Scotia Coal & Coke Co.	Rush Run & Once More	...	....	8	.....	.....	43	49,532
Scotia Coal & Coke Co.	Red Ash	...	....	.....	.....	.....	18	30,721
Scotia Coal & Coke Co.	Brooklyn	3	17,209	20	.....	20	40	34,419
Sewell Colliery Co.	Sugar Camp	3	16,842	33	4	37	30	12,854
Signal Knob Coal Co.	Signal Knob	...	....	.....	.....	.....	25	15,204
Solvay Collieries Co.	Kingston No. 1	7	166,401	125	10	135	33	56,952
Solvay Collieries Co.	Westerly	4	103,487	52	4	56	.....	....
South Side Company	South Side	3	17,814	.....	26	26	42	47,740
St. Clair Colliery Co.	Archer & St. Clair	6	65,183	100	12	112	.....	....
Star Coal & Coke Co., The	Star	3	71,884	35	6	41	45	63,431

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Stone Cliff Coal & Coke Co.	Stone Cliff	...	....	.....	.....	.....	30	25,353
Stuart Colliery Co.	Lochgelly	5	44,117	36	8	44	8	7,415
Stuart Colliery Co.	Summerlee	5	57,151	30	6	36	5	6,250
Sugar Creek Coal & Coke Co.	Nos. 1 & 2	...	....	.....	.....	.....	48	79,502
Sunday Creek Co.	No. 111	6	111,641	47	6	53	38	28,663
Sunday Creek Co.	No. 112	8	156,520	65	10	75	28	18,663
Sunday Creek Co.	No. 114	11	116,782	126	18	144	62	44,650
Sunday Creek Co.	Nos. 115 & 116	3	99,235	40	6	46	.....	26,800
Turkey Knob Coal Co.	Turkey Knob	1	6,272	.....	2	2	90	125,816
White Oak Fuel Co.	Carlisle & Oakwood	1	10,796	10	2	12	80	111,916
White Oak Fuel Co.	Scarbro & Wingrove	8	86,246	30	12	42	40	77,199
White Oak Fuel Co.	Whipple	5	20,147	15	8	23	40	41,131
Total		318	3,734,194	2,909	608	3,517	4,168	4,952,794
GILMER COUNTY								
Gilmer Consolidated Coal Co.	Brackett	1	13,840	15	2	17	.....	....
Gilmer Fuel Co.	Gilmer	6	62,454	35	12	47	.....	....
McCaa Coal Co.	McCaa	2	12,075	8	2	10	.....	....
Total		9	88,369	58	16	74	.....	....
GRANT COUNTY								
Buffalo Creek Cumberland Coal Co.	No. 1	...	....	.....	.....	.....	65	88,212
Davis Coal & Coke Co.	Henry No. 22	5	90,412	30	10	40	17	1,678
Jordon, S. H.	Cottage Street	...	275	.....	.....	.....	10	9,169
Total		5	90,687	30	10	40	92	99,059
GREENBRIER COUNTY								
Elk Lick Coal Co.	Spruce Knob	2	208	.....	2	2	15	22,425
Total		2	208	.....	2	2	15	22,425

HARRISON COUNTY								
Barnard Coal Co.	Burk	...	Nothing but tonnage reported.				.....	21,373
Blue Ridge Coal Co.	Thompson	...	....	.....	.....	.....	10	14,254
Byron Coal Co.	Althea	2	65,945	38	4	42	8	11,650
Calif Coal Co.	Calif	...	....	.....	4	4	20	22,915
Central Fairmont Coal Co.	Snake Hill	1	67,947	33	2	35	10	11,275
Clarksburg Gas Coal Co.	McWhorter	...	....	.....	.....	.....	30	45,365
Consolidation Coal Co., The	No. 21	11	115,418	48	20	68	10	12,792
Consolidation Coal Co., The	No. 23	4	23,661	11	4	15	1	897
Consolidation Coal Co., The	No. 25	15	154,325	78	11	89	25	51,435
Consolidation Coal Co., The	No. 27	4	49,680	17	7	24	5	9,658
Consolidation Coal Co., The	No. 29	3	46,275	24	4	28	14	23,286
Consolidation Coal Co., The	No. 32	8	207,691	89	16	105	5	17,697
Consolidation Coal Co., The	No. 33	3	26,274	11	3	14	7	14,681
Consolidation Coal Co., The	No. 35	6	59,654	36	10	46	15	13,872
Consolidation Coal Co., The	No. 39	4	394,488	26	6	32	8	10,700
Consolidation Coal Co., The	No. 40	9	120,185	50	18	68	20	27,291
Consolidation Coal Co., The	No. 42	6	76,041	32	12	44	1	1,502
Consolidation Coal Co., The	No. 44	3	37,556	20	6	26	2	1,784
Consolidation Coal Co., The	No. 48	4	41,173	21	7	28	5	13,051
Consolidation Coal Co., The	No. 49	9	81,202	25	18	43	26	41,094
Consolidation Coal Co., The	No. 50, Nos. 1 & 2	7	66,513	30	8	38	2	6,083
Consolidation Coal Co., The	No. 51, Nos. 1 & 3	5	51,881	35	10	45	5	19,350
Consolidation Coal Co., The	No. 52	10	52,375	33	10	43	8	16,572
Consolidation Coal Co., The	No. 54	4	35,297	19	5	24	3	7,416
Consolidation Coal Co., The	No. 55, Nos. 1 & 2	3	77,105	51	8	59	12	23,494
Consolidation Coal Co., The	No. 58	3	36,471	19	3	22	9	18,299
Consolidation Coal Co., The	No. 60	2	22,458	18	2	20	2	3,230
Consolidation Coal Co., The	No. 62	4	30,857	17	2	19	1	12,213
Consolidation Coal Co., The	No. 64	8	47,272	25	10	35	5	5,461
Consolidation Coal Co., The	No. 65	5	50,594	23	10	33	1	2,217
Consolidation Coal Co., The	No. 66	4	57,115	22	8	30	2	5,562
Corona Coal & Coke Co.	No. 2	2	14,166	36	4	40	.....	....
Corona Coal & Coke Co.	Harold	4	61,467	26	6	32	21	44,687
Fairmont & Balto. Coal & Coke Co.	Fairmore	1	49,894	20	4	24	15	32,601
Fayette Coal Co.	Fayette	4	28,970	20	8	28	12	21,038
Francois Coal & Coke Co.	Norwood	2	12,463	12	4	16	10	12,398
Harrison Coal Co.	Harrison	...	....	.....	.....	.....	37	23,812
Harry B. Coal & Coke Co.	Pitcairn	4	84,321	45	7	52	25	41,478
Haywood Coal Mining Co.	Monroe	4	51,816	40	8	48	6	3,500
Hero Coal & Coke Co.	Hero	...	....	.....	.....	.....	18	37,570
Hutchinson Coal Co.	Delta	4	54,898	22	8	30	6	6,514
Hutchinson Coal Co.	Erie Nos. 1 & 2	8	200,233	.....	14	14	.....	8,512
Hutchinson Coal Co.	Florence	4	52,652	42	8	50	11	16,024
Hutchinson Coal Co.	Girard Nos. 1 & 2	8	22,304	35	12	47	27	34,158
Hutchinson Coal Co.	Hutchinson Nos. 1, 2 & 3	12	190,621	95	18	113	10	40,163
Hutchinson Coal Co.	McCandlish Nos. 1 & 2	7	176,858	94	14	108	.....	38,532

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Hutchinson Coal Co.	York	...	....	.....	.....	.....	16	23,183
Hygrade Coal Co.	Page	...	....	.....	.....	.....	23	11.887
Johnson McIntire Coal Co.	Gilbert	...	....	.....	.....	.....	28	44,875
Lambert Run Coal Co.	Clanson	4	68,082	39	8	47	5	7,000
Madeira-Hill-Clark Coal Co.	Goff	...	....	.....	.....	.....	43	65,351
Madeira-Hill-Clark Coal Co.	Randolph	12	153,650	75	24	99	4	7,563
Madeira-Hill-Clark Coal Co.	Waldo Nos. 1 & 2	...	....	.....	.....	.....	40	81,948
Marion Gas Coal Co.	Bingamon	5	108,840	45	8	53	3	4,987
Marshall Coal Co.	Marshall	16	40,820	64	20	84	16	231,312
Monongah Fuel Co.	Gallihue	...	....	.....	.....	.....	20	27,799
National Coal Co.	National	...	....	.....	.....	.....	25	21,191
Orr Coal Mining Co.	Miller No. 1	...	....	.....	.....	.....	12	18,553
Orr Coal Mining Co.	Miller No. 2	2	....	.....	30	4	34	54,362
Orr Shilds Coal Co.	Phoenix	7	33,175	22	8	30	.....	33,175
Overholt Coal Co.	Overholt	1	16,000	10	2	12	6	8,000
Righter Coal & Coke Co.	Righter	...	....	.....	.....	.....	56	98.358
Rosebud Fuel Co.	No. 1	1	1,807	5	2	7	25	14,802
Rosebud Fuel Co.	No. 2	5	61,565	25	10	35	5	2,776
Templeton Coal Co.	Fowler Nos. 1 & 2	...	....	.....	.....	.....	48	46,470
Vincent Coal Co.	Grasselli	...	....	.....	.....	.....	30	64,378
Virginia-Md. Coal Corporation	Willard Nos. 1, 2 & 3	14	159,993	89	30	119	10	26,665
Winchester Coal Co.	Winchester	2	21,105	31	4	35	3	1,245
Total		278	3,441,514	1,773	463	2,236	898	1,656,130
KANAWHA COUNTY								
Belmont Coal Co.	Belmont	2	....	10	4	14	.....	17,983
Blue Creek Coal & Land Co.	Blakely Nos. 1 & 4	3	20.830	25	6	31	22	32,064
Blue Creek Coal & Land Co.	Wills Hollow No. 2	3	22,720	30	6	36	1	161
Cabin Creek Consolidated Coal Co.	Acme	2	17,983	10	4	14	.....	....
Cabin Creek Consolidated Coal Co.	Belleclare	3	11,797	7	6	13	13	36,965

Cabin Creek Consolidated Coal Co.	Black Tulip	5	64,089	30	10	40	.....	....
Cabin Creek Consolidated Coal Co.	Buckeye	5	56,435	25	10	35	.....	....
Cabin Creek Consolidated Coal Co.	Caledonia	1	8,735	6	2	8	.....	....
Cabin Creek Consolidated Coal Co.	Cherokee	4	29,356	12	8	20	9	20,388
Cabin Creek Consolidated Coal Co.	Davis	5	39,380	8	10	18	27	5,990
Cabin Creek Consolidated Coal Co.	Empire	3	38,915	22	6	28	.....	....
Cabin Creek Consolidated Coal Co.	Holly	5	18,002	13	10	23	8	10,375
Cabin Creek Consolidated Coal Co.	Kayford Nos. 1 & 2	8	41,064	25	16	41	.....	52,933
Cabin Creek Consolidated Coal Co.	Keystone	...	....	.....	.....	.....	3	4,218
Cabin Creek Consolidated Coal Co.	Quarrier	4	24,508	14	8	22	12	22,593
Cabin Creek Consolidated Coal Co.	Raccoon No. 1	5	46,346	19	10	29	1	1,467
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 East	3	54,933	29	6	35	1	151
Cabin Creek Consolidated Coal Co.	Raccoon No. 2 West	4	47,337	20	8	28	2	4,659
Cabin Creek Consolidated Coal Co.	Red Warrior	1	182	.....	.....	.....	.....	....
Cabin Creek Consolidated Coal Co.	Rose	6	42,456	19	12	31	1	770
Cabin Creek Consolidated Coal Co.	Ruby	3	42,401	22	6	28	.....	....
Cabin Creek Consolidated Coal Co.	Shamrock	6	64,994	38	12	50	1	2,390
Cabin Creek Consolidated Coal Co.	Thistle	1	4,131	2	2	4	30	44,115
Cabin Creek Consolidated Coal Co.	United Gas	...	....	.....	.....	.....	35	76,701
Cabin Creek Consolidated Coal Co.	United Splint	5	51,268	20	10	30	1	179
Campbell's Creek Coal Co.	No. 1	11	219,043	152	20	172	23	15,377
Campbell's Creek Coal Co.	No. 3	5	72,926	42	8	50	3	4,535
Cannelton Coal & Coke Co.	No. 1	8	205,734	190	16	206	62	65,136
Carbon Coal Co.	Low Sulphur	2	13,323	22	2	24	.....	....
Carbon Coal Co.	North	...	....	.....	.....	.....	13	18,625
Carbon Coal Co.	South	4	12,550	8	2	10	25	35,431
Carbon Coal Co.	Splint	5	95,326	65	8	73	.....	....
Chesapeake Mining Co.	No. 1	8	77,181	60	16	76	.....	....
Chesapeake Mining Co.	Nos. 2 & 3	2	27,968	35	4	39	.....	....
Coalburg Colliery Co.	Belmont & Ronda	8	100,000	100	16	116	.....	....
Coalburg-Kanawha Coal Co., The	No. "A"	2	28,516	24	4	28	.....	....
Coalburg-Kanawha Coal Co., The	No. "B"	3	51,127	42	8	50	.....	....
Dry Branch Coal Co.	Belmont & Coalburg	6	80,100	70	12	82	7	3,900
East Bank Mining Co.	East Bank	...	....	.....	.....	.....	15	8,600
Eureka Coal Co., The	Nos. 1, 3 & 4	4	....	50	6	56	.....	35,345
Graham, W. W.	Graham	...	....	.....	.....	.....	11	12,000
Hackett Coal Co.	No. 1	...	....	.....	.....	.....	15	4,908
Hughes Creek Coal Co.	Nos. 2 & 4	11	115,002	105	22	127	.....	....
Imperial Colliery Co.	No. 1	5	77,100	42	8	50	15	24,400
Imperial Colliery Co.	No. 3	5	85,000	44	8	52	5	6,200
Kelly's Creek Colliery Co.	No. 1	5	124,797	98	10	108	.....	....
Kelly's Creek Colliery Co.	No. 3	9	181,724	144	14	158	.....	....
Lewis Coal & Coke Co.	Lewis	4	31,827	50	8	58	.....	....
Marmet Coal Co., The	Black Band	7	64,993	40	10	50	.....	....
Marmet Coal Co., The	New Butler	6	43,831	29	8	37	.....	....
Marmet Coal Co., The	Monarch	13	44,379	32	12	44	.....	....
Mill Creek Cannel Mining Co.	Villa	...	....	.....	.....	.....	20	9,732

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Montgomery Coal Co.	No. 1	3	3,788	6	2	8	39	25,730
Montgomery Coal Co.	No. 2	2	5,772	17	3	20	4	2,579
Morris Fork Coal Co.	Turner No. 2	4	....	25	6	31	.....	43,527
National Bituminous Coal & Coke Co.	No. 2 Gas	5	70,255	42	8	50	.....	20,053
National Bituminous Coal & Coke Co.	No. 5 Splint	2	46,041	28	6	34	.....	....
National Bituminous Coal & Coke Co.	Coal burg No. 8	4	36,208	40	8	48	.....	....
Olcott Coal & Iron Co.	No. 1	5	51,606	40	6	46	.....	....
Olcott Coal & Iron Co.	No. 2	1	7,984	16	2	18	.....	....
Paint Creek Collieries Co.	Banner	4	16,135	31	6	37	.....	....
Paint Creek Collieries Co.	Grose Nos. 1 & 2	10	42,015	50	6	56	.....	....
Paint Creek Collieries Co.	Knickerbocker	...	....	.....	.....	.....	40	22,846
Paint Creek Collieries Co.	Paint Creek	12	50,258	100	12	112	.....	....
Paint Creek Collieries Co.	Scranton	7	40,266	75	10	85	.....	....
Paint Creek Collieries Co.	Wacomah	4	24,999	30	6	36	.....	....
Paint Creek Collieries Co.	Reynolds	3	38,303	60	6	66	2	2,018
Pen-Mar Mining Co.	Pen Mar	...	....	.....	.....	.....	10	6,326
Queen Shoals Coal Co.	Queen Shoals	...	....	.....	.....	.....	10	8,474
Quincy Coal Co.	Nos. 1 & 2	7	56,012	35	8	43	2	280
Republic Coal Co.	No. 1	2	16,482	10	2	12	10	16,380
Republic Coal Co.	No. 2	1	....	.....	.....	.....	25	37,363
Republic Coal Co.	No. 3	...	13,300	14	2	16	22	22,824
Republic Coal Co.	No. 5	2	29,207	24	2	26	.....	....
Southwestern Splint Fuel Co.	Black Cat	3	43,724	26	6	32	.....	....
Standard-Kanawha Coal Mining Co.	Coalridge No. 1	5	38,603	30	8	38	.....	....
Standard-Kanawha Coal Mining Co.	Acme No. 2	3	25,972	20	6	26	.....	....
Standard Splint & Gas Coal Co.	Standard	5	65,749	50	10	60	15	15,395
Sunday Creek Co.	No. 101	2	43,377	30	4	34	.....	....
Sunday Creek Co.	No. 104	6	54,046	35	8	43	.....	....
Sunday Creek Co.	No. 105	11	123,618	63	16	79	13	12,351
Sunday Creek Co.	No. 108	4	28,361	20	6	26	.....	....
Virginia Coal Co.	Nos. 1 & 2	3	20,373	30	4	34	15	11,591

Wake Forest Mining Co.	Wake Forest	5	76,099	50	8	58	6	6,792
West Virginia Colliery Co.	No. 1 Gas	3	31,801	15	2	17	33	54,878
West Virginia Colliery Co.	No. 3	5	104,282	57	6	63	2	2,900
West Virginia Colliery Co.	No. 4	4	65,416	38	6	44	5	9,705
Winifrede Coal Co.	North	...	18,077	28	6	34	30	23,461
Winifrede Coal Co.	South	9	42,677	36	8	44	28	18,885
Winifrede Coal Co.	West	...	....	.....	.....	.....	93	85,808
Wyatt Coal Co.	Berlin	5	35,620	34	9	43	15	35,621
Wyatt Coal Co.	Horton	4	68,336	25	7	32	14	31,100
Wyatt Coal Co.	Oakley	4	....	6	12	18	.....	36,340
Total		375	4,121,482	3,119	631	3,750	866	987,301
LEWIS COUNTY								
Kroger Gas Coal Co.	Polar	...	....	.....	.....	.....	30	28,956
Total		...	....	.....	.....	.....	30	28,956
LINCOLN COUNTY								
Branchland Coal Co.	Branchland	6	38,432	.....	10	10	20	....
Guyan River Coal Co.	Guyan River	2	23,156	10	4	14	.....	....
Total		8	61,588	10	14	24	20	....
LOGAN COUNTY								
Amherst Coal Co.	Nos. 1 & 2	3	71,657	55	6	61	.....	....
Aracoma Coal Co.	Nos. 1 & 2	5	175,458	84	10	94	.....	....
Argyle Coal Co.	Argyle	1	18,562	14	2	16	.....	....
Avon Coal Co., The	Nos. 1, 2 & 3	5	91,200	86	6	92	.....	159
Black Hawk Colliery Co.	Black Hawk	...	....	.....	.....	.....	15	14,622
Buffalo-Eagle Colliery Co.	Buffalo-Eagle	1	9,500	10	2	12	.....	....
Coal River Coal & Coke Co.	Dobra	3	84,883	29	6	35	2	4,500
Cora Coal & Coke Co.	Cora	4	117,077	53	8	61	.....	....
Coal Valley Mining Co.	Sylvia	4	77,400	35	6	41	.....	....
Crown Coal & Coke Co.	Crown	2	42,320	23	4	27	.....	....
Cub Fork Coal Co.	Cub Fork	1	9,350	20	3	23	.....	....
Draper Coal & Coke Co.	Draper	4	56,725	35	8	43	.....	....
Eagle Island Coal Co.	Eagle Island	3	19,564	15	4	19	.....	....
Ethel Coal Co., The	Nos. 1, 1½ & 2	7	166,674	75	12	87	.....	....
Fort Branch Coal Corporation	Fort Branch	2	51,899	34	4	38	4	....
Frieze Fork Coal Mining Co., The	Frieze Fork	2	18,538	19	2	21	.....	....
Gay Coal & Coke Co.	Gay	4	126,667	42	9	51	.....	....
George's Creek Coal Co., Inc.	Georges Creek	2	17,200	20	2	22	.....	....
Guyandotte Coal Co.	Kitchen	1	30,255	.....	18	18	8	5,268
Huddleston Coal & Coke Co.	Huddleston	2	28,000	25	2	27	.....	....
Johnson, E. R., Coal Mining Co.	No. 1	4	26,373	15	4	19	.....	....
Kohlnoor Coal & Coke Co.	Kohlnoor	3	101,539	50	6	56	.....	....

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NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Logan Coal Co., The	Logan	3	39,060	18	8	26	28	53,765
Logan Mining Co.	Earling	5	109,676	38	10	48	4	....
Logan Mining Co.	Manitoba	4	75,679	40	8	48	8	....
Logan Mining Co.	Mona	1	37,460	17	2	19	.....	....
Logan Mining Co.	Wanda	4	72,520	35	10	45	.....	....
Long Flame Coal Co.	Long Flame	2	48,338	30	2	32	.....	....
Main Island Creek Coal Co.	No. 4	2	6,634	10	.....	10	10	4,000
Manbor Coal Co.	Manbar	1	34,509	15	4	19	.....	....
McGregor Coal Co.	McGregor	6	50,910	20	8	28	12	35,000
Mifflin Coal Co.	Nos. 1 & 2	9	67,054	41	10	51	.....	....
Monitor Coal & Coke Co.	Monitor Nos. 1 & 3 & Beechwood	13	244,425	145	18	163	25	61,106
Opperman Coal Co., The	Opperman	3	44,732	40	6	46	.....	....
Paragon Colliery Co.	Paragon No. 2	3	59,793	35	6	41	.....	....
Rex Coal & Coke Co.	Rex	8	89,600	35	14	49	.....	....
Rich Creek Coal Co.	Wilburn	2	28,720	15	4	19	.....	....
Shamrock Coal Co.	Litz	3	88,746	43	9	49	.....	....
Sovereign Coal Co.	Sovereign	2	26,243	25	4	29	.....	....
Spruce Bend Coal Co.	Sharpless Nos. 1 & 2	5	61,790	50	8	58	.....	....
Spruce Valley Coal Co.	Spruce Valley	3	27,362	37	6	43	.....	....
Stone Branch Coal Co.	Stone Branch	4	78,403	30	12	42	14	10,084
Summers, H. B., Coal Co.	Summers	1	24,000	20	2	22	.....	....
Sunbeam Coal Co.	Sunbeam	2	30,659	22	4	26	.....	....
Thomas, D. C., Coal Co.	Grace	4	51,124	30	6	36.	.....	....
U. S. Coal & Oil Co.	No. 1	9	475,959	175	18	193	.....	....
U. S. Coal & Oil Co.	No. 2	8	330,331	140	15	155	.....	....
U. S. Coal & Oil Co.	No. 3	6	209,618	65	10	75	.....	....
U. S. Coal & Oil Co.	No. 4	6	250,251	80	10	90	.....	....
U. S. Coal & Oil Co.	Nos. 5 & 6	6	223,447	60	8	68	.....	....
U. S. Coal & Oil Co.	No. 7	5	274,737	100	12	112	.....	....
U. S. Coal & Oil Co.	No. 8	6	255,274	98	10	108	.....	....
U. S. Coal & Oil Co.	Nos. 9 & 10	3	146,540	45	6	51	.....	....

Virginia Buffalo Coal Co.	Virginia-Buffalo	2	32,094	20	2	22	.....	....
Wilson, H. T., Coal Co.	Wilson	5	87,309	30	10	40	.....	....
Yuma Coal & Coke Co., The	Yuma	5	121,601	62	8	70	.....	....
Total		220	5,145,439	2,405	391	2,796	130	188,504
MARION COUNTY								
Catawba Coal Co.	Catawba	...	....	.....	.....	.....	12	13,997
Connellsville Coal & Coke Co.	Elizabeth	...	....	.....	.....	.....	.....	11,206
Consolidation Coal Co., The	No. 22	7	158,837	65	12	77	51	109,421
Consolidation Coal Co., The	No. 24	9	110,529	30	16	46	20	30,460
Consolidation Coal Co., The	No. 26	4	179,454	80	20	100	34	60,218
Consolidation Coal Co., The	No. 28	6	19,327	.....	20	20	25	60,963
Consolidation Coal Co., The	No. 36	5	29,190	15	.....	15	50	94,626
Consolidation Coal Co., The	No. 38	7	127,821	40	12	52	36	100,026
Consolidation Coal Co., The	No. 43	10	173,065	75	16	91	55	108,432
Consolidation Coal Co., The	No. 45	2	6,363	.....	2	2	42	56,027
Consolidation Coal Co., The	No. 47	6	80,937	35	12	47	15	39,583
Consolidation Coal Co., The	No. 53	3	94,235	41	5	46	32	75,268
Consolidation Coal Co., The	No. 56	8	118,451	60	16	76	36	46,599
Consolidation Coal Co., The	No. 59	...	....	.....	.....	.....	15	30,289
Consolidation Coal Co., The	No. 63	11	185,507	91	16	107	45	106,648
Consolidation Coal Co., The	No. 67	3	49,874	22	3	25	8	15,580
Consolidation Coal Co., The	No. 68	...	....	.....	.....	.....	60	85,723
Consolidation Coal Co., The	No. 84	4	96,888	40	6	46	.....	1,056
Dakota Coal & Coke Co.	No. 2	6	126,367	46	10	56	.....	....
Fairmont & Cleveland Coal Co.	Parker Run	7	36,947	20	14	34	30	70,262
Federal Coal & Coke Co.	Federal	38	512,249	255	70	325	30	56,271
Four States Coal & Coke Co.	Annabelle	40	348,944	291	52	343	16	26,775
Harry B. Coal Co.	Harry B. & Junior	...	....	.....	.....	.....	48	82,502
Jamison Coal & Coke Co.	No. 7	34	477,431	160	75	235	25	52,866
Jamison Coal & Coke Co.	No. 8	32	427,923	120	60	180	88	152,504
Jamison Coal & Coke Co.	No. 9	31	325,015	125	54	179	15	20,157
Kilarm Coal & Coke Co.	Nos. 2 & 3	...	....	.....	.....	.....	17	24,528
Manley & Zeek	Manley & Zeek	...	....	.....	.....	.....	6	7,241
McCoy Coal Co.	McCoy	...	....	.....	.....	.....	2	1,780
New Central Coal Co.	Stafford	19	146,411	53	22	75	16	33,714
Phillips Coal Co.	Phillips	...	....	.....	.....	.....	14	17,792
Robinson Coal Co.	James	...	....	.....	.....	.....	10	14,700
Virginia & Pittsburgh Coal & Coke Co.	Kingmont	...	....	.....	.....	.....	175	267,290
Virginia & Pittsburgh Coal & Coke Co.	Morgan	...	....	.....	.....	.....	80	123,800
Total		292	3,831,765	1,664	513	2,177	1,108	1,998,305
MARSHALL COUNTY								
Ben Franklin Coal Co.	Panama	4	100,190	93	8	101	.....	....
Glendale Coal Co.	Glendale	5	120,486	140	8	148	.....	....

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Hitchman Coal & Coke Co.	Hitchman	14	393,593	200	26	226	.....	....
Kunz Bros. & Miller	Bogg's Run	...	....	.....	.....	.....	10	8,300
Mound Coal Co.	Mound	4	104,029	92	10	102	.....	....
Parr's Run Coal Co.	Parrs Run	5	70,000	50	10	60	.....	....
Wheeling Steel & Iron Co.	Benwood	6	128,391	87	12	99	2	4,436
Total		38	916,689	662	74	736	12	12,736
MASON COUNTY								
Hutchinson Coal Co.	Linden	4	68,850	58	10	68	18	18,700
Jackson Coal & Mining Co.	Jackson	3	19,807	40	6	46	20	9,865
Newton, J. M. & D. E., Co.	Hartford	...	5,677	10	2	12	4	731
Total		7	94,334	108	18	126	42	29,296
McDOWELL COUNTY								
Algoma Coal & Coke Co.	Piney & Stone Bank	3	64,905	70	7	77	98	129,812
Arlington Coal & Coke Co.	Arlington	...	....	.....	.....	.....	80	109,848
Ashland Coal & Coke Co.	Ashland & Monitor	10	112,060	55	20	75	60	146,196
Black Wolf Coal & Coke Co.	Black Wolf	2	61,652	49	8	57	.....	....
Bottom Creek Coal & Coke Co.	No. 1	4	66,790	45	8	53	32	51,213
Bottom Creek Coal & Coke Co.	No. 2	3	78,137	55	6	61	20	14,332
Buchanan Coal Co.	Buchanan	...	....	.....	.....	.....	18	19,560
Carter Coal Co.	No. 1 East & West	...	....	.....	.....	.....	10	32,677
Carter Coal Co.	No. 2 East & West	...	....	.....	.....	.....	20	59,262
Carter Coal Co.	Caretta	6	98,940	70	16	86	5	6,807
Carter Coal Co.	Six	6	150,685	101	13	114	17	13,403
Carter Coal Co.	Nora & No. 8	3	49,964	45	10	55	.....	3,948
Central Pocahontas Coal Co.	Nos. 1 & 2	...	....	.....	.....	.....	25	23,995
Central West Poca. Coal Co., The	Central West	...	....	.....	.....	.....	11	8,921
Cirrus Coal & Coke Co.	No. 2	...	....	.....	.....	.....	65	71,690

Columbus Poca. Coal Co.	Columbus	...	...	...	...	...	13	12,531
Crozer Coal & Coke Co.	Nos. 1 & 2	2	102,157	65	4	69	130	254,745
Davy-Pocahontas Coal Co.	No. 1	1	53,400	20	2	22	15	18,000
Davy-Pocahontas Coal Co.	No. 2	...	...	...	...	...	15	13,870
Dry Fork Colliery Co.	Dry Fork	...	...	...	...	...	42	105,603
Elkhorn Coal & Coke Co.	Elkhorn	...	...	...	...	...	95	183,307
Elk Ridge Coal & Coke Co.	Elk Ridge	...	...	...	...	...	74	115,656
Empire Coal & Coke Co., The	Empire	...	...	...	...	...	141	237,505
Eureka Coal & Coke Co.	Eureka	...	...	...	...	...	85	174,493
Excelsior Poca. Coal Co.	Excelsior 138	5	113,067	90	10	100	...	...
Flannagan Coal Co.	No. 1	1	33,810	20	4	24	5	5,374
Flannagan Coal Co.	No. 2	...	...	...	...	...	20	19,940
Flat Top Coal Mining Co.	Thomas	...	5,050	...	...	...	45	47,698
Fortune Hunter Coal Co.	Fortune Hunter	...	...	...	...	...	10	23,022
Gilliam Coal & Coke Co.	Gilliam	1	...	...	4	4	75	117,666
Greenbrier Coal & Coke Co.	Greenbrier	...	...	...	...	...	89	137,663
Hemphill Colliery Co.	Hemphill	4	24,238	9	5	14	15	12,118
Henrietta Poca. Coal Co.	Henrietta	...	...	...	...	...	20	16,965
Houston Coal & Coke Co.	Nos. 1 & 2	...	...	...	...	...	150	366,188
Houston Collieries Co.	Huger	4	156,099	67	8	75	20	20,000
Indian Ridge Coal & Coke Co.	Indian Ridge	5	42,046	30	4	34	50	84,092
J. B. B. Coal Co.	No. 1	...	...	...	...	...	54	90,733
J. B. B. Coal Co.	No. 2	8	7,545	8	8	16	39	53,789
J. B. B. Coal Co.	No. 3	...	...	...	...	...	45	56,743
J. B. B. Coal Co.	Nos. 4 & 5	18	82,793	40	24	64	50	54,703
John's Branch Coal Co.	John's Branch	...	...	...	...	...	15	25,321
Keystone Coal & Coke Co.	Nos. 1 & 2	1	...	...	...	...	140	294,362
Kimball-Pocahontas Coal Co.	Virginia	...	...	...	...	...	21	27,219
King Coal Co., The	King	...	...	...	...	...	145	244,754
Lake Superior Coal Co.	No. 1	3	78,780	75	6	81	...	...
Lake Superior Coal Co.	No. 2	3	31,067	35	4	39	15	15,533
Lathrop Coal Co.	Lathrop	4	148,625	54	6	60	...	...
Lynchburg Coal & Coke Co.	Lynchburg	...	...	...	...	...	95	219,454
McDowell Coal & Coke Co.	McDowell	1	24,911	10	2	12	100	224,234
Mohawk Coal & Coke Co.	Mohawk	6	100,000	40	10	50	6	...
New River & Poca. Consolidated Coal Co.	Berwind No. 1	7	23,454	23	6	29	27	54,308
New River & Poca. Consolidated Coal Co.	Berwind No. 2	8	50,508	49	6	55	30	71,054
New River & Poca. Consolidated Coal Co.	Berwind No. 3	6	77,739	48	12	60	20	20,155
New River & Poca. Consolidated Coal Co.	Berwind No. 4	5	65,697	41	8	49	20	10,263
New River & Poca. Consolidated Coal Co.	Nos. 5 & 6	5	31,647	56	6	62	...	...
New Pocahontas Coal Co.	Pando	...	...	...	...	...	30	34,222
Oregon Coal Co.	Nos. 2, 3 & 4	9	46,917	20	18	38	27	40,515
Page Coal & Coke Co.	Nos. 1, 2 & 3	5	41,689	30	6	36	111	236,244
Panther Coal Co.	Panther	2	1,891	10	4	14	...	...
Peerless Coal & Coke Co.	Nos. 1 & 2	2	13,068	16	2	18	185	235,342
Pocahontas Consolidated Collieries Co.	Angle	...	239,149	150	8	158	...	...

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Pocahontas Consolidated Collieries Co.	Cherokee	...	....	.....	.....	.....	145	128,680
Pocahontas Consolidated Collieries Co.	Delta	4	247,580	160	8	168	.....	....
Pocahontas Consolidated Collieries Co.	Lick Branch	4	241,855	169	8	168	.....	....
Pocahontas Consolidated Collieries Co.	Norfolk	...	....	.....	.....	.....	100	202,742
Pocahontas Consolidated Collieries Co.	Rolfe	4	182,880	150	8	158	.....	....
Pocahontas Consolidated Collieries Co.	Shamokin	...	232,604	165	8	173	.....	....
Pocahontas Consolidated Collieries Co.	No. 6	5	265,090	175	10	185	.....	....
Pocahontas Consolidated Collieries Co.	No. 7	4	161,310	140	8	148	.....	....
Pocahontas Consolidated Collieries Co.	No. 8	4	167,380	150	8	158	.....	....
Pocahontas Domestic Coal Co.	Scorpion	...	....	.....	.....	.....	40	29,538
Pocahontas Smokeless Coal Co.	Poca. Smokeless	...	....	.....	.....	.....	35	41,035
Powhatan Coal & Coke Co.	East & West	3	84,450	51	5	56	50	180,000
Premier-Poca. Collieries Co.	Nos. 1, 2, 3 & 4	...	....	.....	.....	.....	155	299,423
Pulaski Iron Co.	Nos. 1, 2 & 3	3	107,801	50	6	56	125	246,665
Roanoke Coal & Coke Co.	Roanoke	1	....	.....	2	2	61	127,923
Shawnee Coal & Coke Co.	Shawnee	...	....	.....	.....	.....	60	134,545
Solvay Collieries Co.	Big Sandy	5	12,152	10	6	16	68	88,431
Solvay Collieries Co.	Marytown	...	....	.....	.....	.....	113	173,214
Standard Pocahontas Coal Co., The	Standard	6	87,925	45	8	53	.....	....
Superior Pocahontas Coal Co.	Blackstone	1	5,557	12	2	14	28	46,535
Superior Pocahontas Coal Co.	Cletus	2	38,477	40	4	44	.....	....
Superior Pocahontas Coal Co.	Davy Crockett	...	....	.....	.....	.....	52	45,793
Superior Pocahontas Coal Co.	Helena	...	....	.....	.....	.....	61	59,392
Tidewater Coal & Coke Co.	Tidewater	...	....	.....	.....	.....	85	141,495
Turkey Gap Coal & Coke Co.	Turkey Gap	...	....	.....	.....	.....	71	137,796
U. S. Coal & Coke Co.	No. 2	6	157,500	78	20	98	39	81,292
U. S. Coal & Coke Co.	No. 3	8	91,874	87	8	95	15	15,202
U. S. Coal & Coke Co.	No. 4	6	132,438	97	10	107	32	44,979
U. S. Coal & Coke Co.	No. 5	5	137,012	84	6	90	21	35,378
U. S. Coal & Coke Co.	No. 6	10	238,296	123	14	137	75	166,116
U. S. Coal & Coke Co.	No. 7	7	195,740	130	10	140	43	71,007

U. S. Coal & Coke Co.	No. 8	6	52,715	48	8	56	48	51,078
U. S. Coal & Coke Co.	No. 9	14	263,367	156	26	182	78	141,666
U. S. Coal & Coke Co.	No. 10	10	167,600	128	14	142	.....	....
U. S. Coal & Coke Co.	No. 11	14	....	158	14	172	.....	177,912
U. S. Coal & Coke Co.	No. 12	6	....	142	10	152	.....	145,664
Upland Coal & Coke Co.	Upland	...	....	.....	.....	.....	140	264,365
Vaughan Coal & Coke Co.	Vaughan	...	....	.....	.....	.....	40	12,000
War Creek Coal Co.	No. 1	...	....	.....	.....	.....	18	29,982
Welch Coal & Coke Co.	Welch	4	26,973	11	4	15	10	13,488
West Va. Pocahontas Coal Co.	Leckie Nos. 1 & 2	2	64,173	25	4	29	64	152,303
Yukon Pocahontas Coal Co.	Nos. 1 & 2	3	94,948	40	6	46	.....	....
Zenith Coal & Coke Co.	Zenith Nos. 1 & 2	4	60,606	30	6	36	50	106,077
Total		312	5,628,787	4,183	523	4,706	4,625	8,426,370
MERCER COUNTY								
American Coal Co.	Crane Creek Nos. 1 & 2	5	50,180	21	10	31	91	179,670
American Coal Co.	Piedmont	5	90,055	62	12	74	.....	....
American Coal Co.	Pinnacle	5	38,639	21	12	33	81	153,044
Booth Bowen Coal & Coke Co.	Booth-Bowen	1	24,911	10	2	12	73	166,286
Buckeye Coal & Coke Co.	Buckeye	...	....	.....	.....	.....	95	178,680
Crystal Coal & Coke Co.	No. 1	...	....	.....	.....	.....	76	143,626
Crystal Coal & Coke Co.	No. 2	...	....	.....	.....	.....	35	51,222
Ennis Coal Co.	Hiawatha	3	63,844	67	6	73	16	....
Godfrey Coal Co.	Godfrey	...	....	.....	.....	.....	18	24,548
Louisville Coal & Coke Co.	Louisville, Klondike & Goodwill	2	7,650	.....	2	2	116	139,845
Mill Creek Coal & Coke Co.	Coaldale	...	....	.....	.....	.....	48	85,021
Mill Creek Coal & Coke Co.	Tug River	3	25,000	6	4	10	102	168,225
Pawama Coal & Coke Co.	Nos. 1 & 2	2	36,933	10	2	12	32	55,235
Pocahontas Consolidated Collieries Co.	Caswell, Hemlock & Elkhorn	...	....	.....	.....	.....	160	281,030
Pocahontas Consolidated Collieries Co.	Sagamore Nos. 1 & 2	5	227,008	150	10	160	.....	....
Pocahontas Consolidated Collieries Co.	West	...	....	.....	.....	.....	15	31,000
Smokeless Coal & Coke Co.	Smokeless	2	43,200	40	4	44	5	2,500
Solvay Collieries Co.	Spring	2	22,583	.....	8	8	58	66,181
Thomas Coal Co., The	No. 1	...	....	.....	.....	.....	70	137,246
Thomas Coal Co., The	No. 2	...	....	.....	.....	.....	42	65,527
Turkey Gap Coal & Coke Co.	Nos. 1 & 2	7	138,838	80	6	86	8	....
Weyanoke Coal & Coke Co.	Elihu & Weyanoke	7	107,226	108	6	114	28	45,546
Total		49	737,229	575	87	662	1,169	2,113,270
MINERAL COUNTY								
Abrams Creek Coal & Coke Co.	Oakmont	5	41,390	34	6	40	20	36,832
Big Vein Coal Co. of W. Va.	Shaw 4 foot	...	....	.....	.....	.....	25	20,025
Carroll Cross Coal Co.	Cross	...	....	.....	.....	.....	40	35,622
Carroll Cross Coal Co.	Imperial	...	....	.....	.....	.....	15	13,170
Davis Coal & Coke Co.	No. 6	...	....	.....	.....	.....	44	38,669

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Davis Coal & Coke Co.	No. 14	1	....	.....	.....	.....	77	82,198
Davis Coal & Coke Co.	No. 19	...	....	.....	.....	.....	78	75,017
Davis Coal & Coke Co.	No. 20	...	....	.....	.....	.....	54	47,960
Davis Coal & Coke Co.	No. 50	...	....	.....	.....	.....	35	28,831
Davis Coal & Coke Co.	No. 51	...	....	.....	.....	.....	67	54,924
Gleason Coal & Coke Co.	Gleason	3	30,583	30	6	36	30	19,044
Grafton Mining Co.	Western Md.	...	....	.....	.....	.....	22	22,557
Hamill Coal & Coke Co.	Smith	...	....	.....	.....	.....	25	22,358
Mastellar Coal Co.	Hampshire Nos. 1 & 2	...	....	.....	.....	.....	51	52,670
Mastellar Coal Co.	New Creek	...	....	.....	.....	.....	48	66,322
Total		9	71,973	64	12	76	631	616,199
MINGO COUNTY								
Big Block Coal Co.	Mattie May	...	1,922	.....	.....	.....	.....	....
Buffalo Collieries Co., The	Buffalo	8	131,888	45	14	59	.....	....
Crystal Block Coal & Coke Co.	Winifrede Nos. 1 & 2	5	87,944	50	6	56	.....	....
Glen Alum Coal Co.	Nos. 1, 2, 3 & 4	...	274,763	134	20	154	.....	....
Grey Eagle Coal Co.	Grey Eagle	7	52,088	15	12	27	.....	....
Howard Colliery Co.	Frederick	8	63,094	16	16	32	.....	....
Howard Colliery Co.	Howard	10	98,267	25	20	45	.....	....
Howard Junior Coal Co.	Howard Junior	10	91,103	30	22	52	.....	....
Magnolia Coal & Coke Co.	Magnolia	7	34,193	23	8	31	.....	....
Margaret Mining Co.	Margaret	5	67,591	18	6	24	.....	....
Mary Helen Coal Co.	Mary Helen	4	70,142	36	8	44	.....	....
Mingo Washed Coal Co.	Mattie May	1	5,215	8	2	10	.....	3,767
Red Jacket Consolidated Coal & Coke Co	Grapevine	...	....	.....	.....	.....	56	107,148
Red Jacket Consolidated Coal & Coke Co	Mitchell Branch & Rutherford	12	238,950	94	23	117	.....	....
Red Jacket Consolidated Coal & Coke Co.	Red Jacket	2	23,428	18	2	20	.....	....
Red Jacket, Jr., Coal Co.	Nos. 1 & 2	7	192,738	70	12	82	.....	....
Shanklin, J. R., Coal Co.	Naugatuck	7	80,415	30	10	40	12	....

Sternberger, E. L., Coal Co.	Sternberger	10	87,937	29	6	35	.....	....
Stone Mountain Coal Corporation	Marion	...	18,090	29	6	35	.....	....
Superior Thacker Coal & Coke Co.	No. 1	1	12,534	9	2	11	12	8,928
Sycamore Coal Co.	Cinderella	7	143,630	80	14	94	.....	....
Thacker Coal & Coke Co.	Nos. 2, 3, 6, 7, 8 & 9	11	145,616	60	10	70	30	36,405
Thacker Coal & Coke Co.	No. 10	...	....	.....	.....	.....	8	12,388
Thacker Coal & Coke Co.	Nos. 11, 12, 13 & 14	11	....	45	16	61	10	24,161
War Eagle Coal Co.	Mephisto	10	73,406	50	9	59	.....	....
War Eagle Coal Co.	Pappoose	10	42,481	40	10	50	.....	....
White Star Mining Co.	Nos. 1 & 2	4	56,250	45	8	53	.....	....
Williamson Coal & Coke Co.	Winifrede	5	97,443	90	10	100	.....	....
Total		162	2,317,771	1,089	272	1,361	128	192,797
MONONGALIA COUNTY								
Antler Coal Co.	Grant	...	....	.....	.....	.....	30	32,090
Connellsville Coal & Coke Co.	Opekiska	...	....	.....	.....	.....	20	20,250
Consolidation Coal Co., The	No. 30	1	2,147	.....	1	1	22	42,453
Elkins Coal & Coke Co.	No. 1	...	....	.....	.....	.....	90	118.103
Elkins Coal & Coke Co.	No. 3	...	....	.....	.....	.....	14	15,394
Elkins Coal & Coke Co.	Nos 4 and 5	4	75,483	35	10	45	15	31,985
Great Scott Coal & Coke Co.	Great Scott	...	....	.....	.....	.....	6	11,131
Southern Connellsville Coke Co.	Marion No. 2	...	....	.....	.....	.....	30	51,100
Total		5	77,630	35	11	46	227	322,416
NICHOLAS COUNTY								
Pardee & Curtin Lumber Co.	Panther Creek	...	....	3	.....	3	5	5,186
Pardee & Curtin Lumber Co.	Mayo	...	....	3	.....	3	3	4,209
Sayman Coal & Coke Co.	Nos. 1, 2 and 3	2	12,634	.....	2	2	48	64,648
Coalbell Coal Co.	Frees No. 1	4	9,763	30	8	38	.....	....
Total		6	22,397	36	10	46	56	74,043
OHIO COUNTY								
W. F. Creighton	Creighton	1	4,180	.....	.....	.....	.....	....
Elm Grove Coal Co.	Elm Grove	4	36,145	40	8	48	.....	....
Richland Coal Co.	Richland	13	368,039	290	40	330	10	10,220
Storch Peter & Sons	Storch	...	....	.....	.....	.....	6	8.250
Whitaker Glessner Co.	Carter	2	....	36	4	40	.....	56,010
Total		20	408,364	366	52	418	16	74,480
PRESTON COUNTY								
Austen Coal & Coke Co., The	No. 1	4	21,991	.....	8	8	86	86.342
Austen Coal & Coke Co., The	No. 2	2	7,881	.....	.....	.....	32	31,330
Borgman Coal Co.	No. 1	...	....	.....	.....	.....	35	51,950

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Elkins Coal & Coke Co.	No. 2	...	....	.....	.....	.....	110	181,360
Elkins Coal & Coke Co.	No. 4	3	36,901	34	4	38	25	28,035
Elkins Coal & Coke Co.	No. 6	...	....	.....	.....	.....	118	189,397
Elkins Coal & Coke Co.	No. 7	...	....	.....	.....	.....	24	42,320
Gorman Coal & Coke Co.	No. 2	4	11,511	.....	8	8	19	17,267
Hiorra Coke Co.	Vulcan	6	....	35	12	47	.....	65,861
Hite Coal & Coke Co.	Dixie	...	....	.....	.....	.....	25	12,277
Irona Coal Co.	No. 2	...	....	.....	.....	.....	29	23,047
Kendall Lumber Co.	Arnold Run	...	....	.....	.....	.....	10	9,030
Kingwood Coal Co.	Howesville	6	20,388	15	4	19	15	25,000
Late, Gordon B. Coal Co.	Late No. 1	...	....	.....	.....	.....	28	11,883
Preston County Coke Co.	Cascade Nos. 1, 2 and 3	2	7,136	.....	.....	.....	72	137,632
Preston Fuel Co.	No. 1	...	....	1	.....	1	24	14,221
Somerset Smokeless Coal Co.	Tunnelton	7	183,389	116	18	134	17	34,159
Virginia-Md. Coal Corporation	Scotch Hill	5	18,935	16	8	24	4	5,884
Wills, John	No. 4	...	....	.....	.....	.....	15	15,052
Total		39	308,135	217	62	279	688	973,046
PUTNAM COUNTY								
Black Betsey Coal & Mining Co.	Nos. 2 and 3	...	....	.....	.....	.....	300	245,717
Oak Forest Coal Co.	Oak Forest	1	1,228	6	2	8	.....	....
Otto Marmet Coal & Mining Co.	Nos. 1, 2 and 3	...	....	.....	.....	.....	225	165,034
Plymouth Coal & Mining Co.	Plymouth	...	....	.....	.....	.....	180	142,944
Total		1	1,228	6	2	8	705	553,695
RALEIGH COUNTY								
Bailey Wood Coal Co.	Bailey Wood	1	....	2	2	4	50	90,000
Beckley Coal & Coke Co.	Beckley	4	12,368	15	6	21	75	80,559
Blue Jay Lumber Co.	No. 4	...	....	.....	.....	.....	12	12,140

Clear Fork Coal Co.	Leevale	3	73,564	56	6	62	.....	....
Cranberry Fuel Co.	Cranberry	4	23,925	16	4	20	55	63,149
Cranberry Fuel Co.	Sprague	2	15,502	10	4	14	60	77,843
Four States Coal & Coke Co.	Dorothy	8	200,939	91	12	103	36	76,251
Four States Coal & Coke Co.	arita	8	163,921	83	10	93	50	86,838
Gulf Coal Co.	Nos. 1, 2 and 3	1	22,397	10	2	12	20	77,775
Gulf Smokeless Coal Co.	Tams 1, 2 and 3	2	8,000	8	4	12	130	308,351
Lanark Coal Co.	No. 4	...	....	.....	.....	.....	25	48,956
Lynwin Coal Co.	Lynwin	1	45,766	43	4	47	18	45,766
Mabscott Coal & Coke Co.	Mabscott	...	....	.....	.....	.....	76	95,647
Marsh Fork Splint & Gas Coal Co.	Marsh Fork	4	60,658	45	6	51	.....	....
MacAlpin Coal Co.	MacAlpin	9	177,882	85	12	97	40	60,373
McKell Coal & Coke Co.	Graham Nos. 1 and 2	3	21,009	18	4	22	25	42,017
McKell Coal & Coke Co.	Oswald Nos. 1, 2, 3 & 4	7	33,614	28	12	40	62	67,226
McKell Coal & Coke Co.	Tamroy	3	47,952	25	6	31	25	47,951
New River Collieries Co.	Eccles Nos. 3 & 4	5	67,083	27	10	37	56	155,744
New River Collieries Co.	Eccles Nos 5 & 6	5	129,715	61	10	71	98	172,957
Pemberton Coal & Coke Co.	Affinity	3	65,130	30	6	36	.....	....
Pemberton Fuel Co.	Pemberton	...	....	.....	.....	.....	28	26,218
Pemberton Coal & Coke Co.	Big Stick	...	....	.....	.....	.....	67	187,065
Piney Mining Co.	Nos. 1 & 2	2	11,561	.....	13	13	80	104,052
Piney Mining Co.	No. 3	...	....	.....	.....	.....	35	43,146
Piney Mining Co.	No. 4	...	....	.....	.....	.....	50	96,521
Price Hill Fuel Co.	Price Hill	1	96	4	2	6	4	608
Raleigh Coal & Coke Co.	Nos. 1, 2 & 4	2	18,505	5	4	9	40	40,241
Raleigh Coal & Coke Co.	No. 3	4	28,308	16	8	24	58	93,210
Raleigh Coal & Coke Co.	Nos. 5 & 6	8	60,430	33	8	41	83	139,304
Royal Coal Co.	Royal	...	....	.....	.....	.....	20	6,020
Slab Fork Coal Co.	Nos. 2, 3, 6 & 7	7	63,666	14	6	20	83	127,332
Slab Fork Coal Co.	No. 5	...	....	.....	.....	.....	69	103,379
Stonewall Coal & Coke Co.	No. 2	...	....	.....	.....	.....	8	7,807
Stonewall Coal & Coke Co.	Terry	...	....	.....	.....	.....	60	66,561
Sullivan Coal & Coke Co.	North & South	...	....	.....	.....	.....	100	115,297
White, B. H.	Combs	...	....	.....	.....	.....	10	3,118
White, E. E., Coal Co.	Glenwhite Nos. 1 & 2	6	110,831	25	12	37	140	221,665
White, E. E., Coal Co.	Stotesbury Nos 1, 3, 5, 6 & 7	7	171,996	85	28	113	70	57,331
Winding Gulf Colliery Co.	Nos. 1 & 3	6	149,203	71	14	85	.....	....
Winding Gulf Colliery Co.	No. 2	3	109,757	67	6	73	.....	....
Wood Peck Coal Co.	Wood Peck	...	....	.....	.....	.....	30	36,330
Wright Coal & Coke Co.	No. 1	...	....	8	.....	8	40	39,137
Wright Coal & Coke Co.	No. 2	...	....	.....	.....	.....	40	48,567
Total		119	1,193,778	981	221	1,202	2,028	3,172,443
RANDOLPH COUNTY								
Brady Coal Co.	Klondyke	...	....	.....	.....	.....	25	24,808
Davis Colliery Co.	Coalton Nos. 1 & 3	6	105,514	50	10	60	60	124,738

COMPARATIVE STATEMENT OF THE PICK AND MACHINE MINED COAL, NUMBER OF MINE MACHINES USED, AND THE NUMBER OF MEN EMPLOYED FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine	Number of Mining Machines	Tons of Coal Produced by Mining Machines (2,240 lbs.)	Number of Machine Miners	Number of Machine Runners and Helpers	Total Number of Men Employed—Machine Mining	Number of Pick Miners	Tons of Coal Produced by Pick Mining (2,240 lbs.)
Davis Coal & Coke Co.	Weaver No. 1	...	...	...	...	...	42	74,825
Davis Coal & Coke Co.	Weaver No. 2	...	...	...	...	...	73	126,952
Davis Colliery Co.	Harding Nos. 1, 3 & 5	4	43,224	24	6	30	43	75,704
Davis Colliery Co.	No. 5	...	...	...	...	...	10	18,080
Davis Colliery Co.	Sivad No. 2	...	...	...	...	...	35	52,804
Green, W. H.	Leroy	...	...	...	...	...	10	1,000
Jenkins, J. B., Coal Co.	Ariana	...	...	...	...	...	45	60,000
Rich Mountain Coal Co.	Beech Run	...	...	...	...	...	18	5,231
Rich Mountain Coal Co.	Hortridge	1	3,108	5	2	7	13	2,897
West Va. Pulp & Paper Co.	Hopkins	...	...	...	...	...	14	18,833
Total		11	151,846	79	18	97	388	585,872
TAYLOR COUNTY								
Davis, T. B., Estate	T. B. Davis	...	...	...	...	...	41	37,459
Grafton Coal & Coke Co.	Sand Lick Nos. 1 & 2	...	...	...	...	...	39	35,537
Maryland Coal Co. of W. Va.	Wendell Nos. 1, 2 & 4	18	350,722	401	36	436	15	37,139
McGraw Coal Co.	New York No. 1	6	74,155	28	6	34	9	19,004
Pittsvein Coal Co.	No. 4	5	91,357	55	7	62	10	19,698
Rosemont Coal Co.	Rosemont	4	80,512	...	6	6	158	151,327
Sterling Coal Co., Ltd.	Cecil	2	17,082	13	4	17	...	...
Sunnyside Coal Co.	Sunnyside	...	...	...	...	...	32	14,240
Winona Coal & Coke Co.	Winona No. 2	3	140,540	...	6	6	26	...
Total		38	754,368	497	65	562	321	314,404
TUCKER COUNTY								
Cooper, J. Calvin	Cooper	...	...	...	...	...	8	9,747
Cumberland Coal Co.	Douglas No. 1	...	...	85	...	85	...	104,824
Cumberland Coal Co.	Douglas No. 2	...	...	...	...	...	44	34,848
Cumberland Coal Co.	Douglas No. 6	...	...	...	...	...	19	21,832

Davis Coal & Coke Co.	No. 23	1	5,969	26	2	28	96	123,217
Davis Coal & Coke Co.	No. 24	...	....	.....	.....	.....	34	58,879
Davis Coal & Coke Co.	No 25	...	537	.....	.....	.....	78	116,609
Davis Coal & Coke Co.	No. 26	...	....	.....	.....	.....	40	49.487
Davis Coal & Coke Co.	No. 34	...	....	.....	.....	.....	25	11,136
Davis Coal & Coke Co.	No. 35	...	....	.....	.....	.....	16	7,905
Davis Coal & Coke Co.	No. 36	...	....	.....	.....	.....	91	131,382
Davis Coal & Coke Co.	No. 37	...	....	.....	.....	.....	42	68,950
Davis Coal & Coke Co.	No. 38	...	....	.....	.....	.....	138	169,492
Davis Coal & Coke Co.	No. 39	...	....	.....	.....	.....	90	105.370
Davis Coal & Coke Co.	No. 40	...	8,013	.....	.....	.....	105	115,333
Davis Coal & Coke Co.	No. 41	...	....	.....	.....	.....	42	55,583
Total		1	14,519	111	2	113	868	1,184,594
UPSHUR COUNTY								
Buckhannon River Coal & Coke Co.	Florence No. 2	2	21,118	35	4	39	10	30 680
Newcomer Coal Co.	Newcomer	...	....	.....	.....	.....	6	4,261
Red Rock Fuel Co.	Red Rock	7	41,414	25	12	37	.....	....
Total		9	62,532	60	16	76	16	34,941
WAYNE COUNTY								
East Lynn Coal Co.	East Lynn	4	55,060	.....	6	6	.....	....
Total		4	55 060	.....	6	6	.....	....
WYOMING COUNTY								
Mead Pocahontas Coal Co.	Mead Poca	...	....	.....	.....	.....	27	35,789
Trace Fork Coal Co.	Trace Fork	...	....	.....	.....	.....	7	4,000
Total		...	....	.....	.....	.....	34	39,789

SUMMARY OF THE NUMBER AND KINDS OF MINING MACHINES IN USE AND TONNAGE PRODUCED BY MACHINES, BY COUNTIES, FOR YEAR ENDING JUNE 30TH, 1914.

COUNTY	Electric Machines										Compressed Air Machines									Total Number of Machines in Use	Tons of Coal (2,240 lbs.) Produced by Machines
	Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand	Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
Barbour	24	9	1	2	...	...	...	...	...	...	...	...	...	1	...	3	...	...	3	43	522,827
Boone	10	11	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	441,324
Braxton	4	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	76,323
Brooke	29	...	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	495,454
Clay	3	3	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	373,776
Fayette	128	81	38	34	...	9	...	15	...	...	...	...	...	12	...	...	...	...	19	336	3,734,194
Gilmer	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	5	10	88,369
Grant	3	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	90,687
Greenbrier	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	208
Harrison	130	25	17	12	...	...	1	2	...	...	...	...	...	...	3	10	15	11	54	280	3,441,514
Kanawha	137	201	17	15	...	...	...	...	...	...	1	...	...	...	...	3	...	...	10	384	4,121,482
Lincoln	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	8	61,588
Logan	98	43	54	17	...	...	...	...	...	...	...	...	5	...	...	...	...	...	7	224	5,145,439
Marion	48	31	...	2	...	...	...	...	2	2	...	11	...	...	22	21	127	11	15	292	3,831,765
Marshall	32	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38	916,689
Mason	3	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	94,334
McDowell	72	19	22	139	18	...	1	13	...	1	...	...	1	1	6	...	10	...	15	318	5,628,787
Mercer	15	6	1	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	737,229
Mineral	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	9	71,973
Mingo	39	13	9	27	...	...	...	...	...	...	...	...	...	35	...	27	1	...	25	176	2,317,771
Monongalia	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	77,630

Nicholas	1	4	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	22,397
Ohio	16	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	408,364
Preston	2	7	6	3	...	...	...	...	...	...	...	...	...	6	...	1	3	...	11	39	308,135
Putnam	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1,228
Raleigh	44	35	5	29	...	3	...	1	...	...	...	...	...	...	...	...	...	...	...	117	1,893,778
Randolph	1	...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	151,846
Taylor	7	6	18	4	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	38	754,368
Tucker	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	14,519
Upshur	4	...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	62,532
Wayne	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	55,060
Total	864	503	213	346	18	12	2	34	2	3	1	11	6	63	31	65	159	23	164	2,520	32,269,363

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
BARBOUR COUNTY						
Century Coal Co., The	No. 1	8	6	...	...	...
Century Coal Co., The	No. 2	...	2	...	...	...
Consolidation Coal Co., The	No. 37	12	...	...	...	...
Gage Coal & Coke Co., The	Sara	...	...	...	2	...
Grafton Fuel Co	Lillian No. 1	...	...	...	...	...
Humphreys Coal Co	Humphreys	2	...	...	...	...
Sandridge, Lee J., Coal Co	Meriden No. 1	2	1	1	...	...
Tygarts River Coal Co	Arden	...	...	...	...	...
Total		24	9	1	2	...
BOONE COUNTY						
Anchor Coal Co	No. 1	...	...	4	...	...
Coal River Co., The	Nos. 1 & 2	5	...	...	...	...
Hickory Ash Coal Co., The	Hickory Ash	5	...	...	...	...
Horse Creek Block Coal Co	Opal No. 1	...	1	...	...	...
Peytona Block Coal Co	Peytona	...	3	1	...	...
Seng Creek Coal Co	Seng Creek	...	3	...	...	...
Spruce River Coal Co., The	Ramage No. 1	...	...	4	...	...
Webb Coal Mining Co	Webb	...	4	...	...	...
Total		10	11	9	...	...
BRAXTON COUNTY						
Davis Colliery Co	Copen No. 11	...	...	...	1	...
Davis Colliery Co	Bower No. 10	4	...	...	3	...
Total		4	...	...	4	...
BROOKE COUNTY						
Richland Block Coal Co	Beech Bottom	2	...	2	2	...
LaBelle Iron Works	LaBelle	7	...	...	...	...
W. Va.-Pittsburgh Coal Co	Gilchrist No. 3	3	...	...	1	...
W. Va.-Pittsburgh Coal Co	Locust Grove No. 1	11	...	...	...	...
W. Va.-Pittsburgh Coal Co	LaBelle No. 4	6	...	...	...	...
Total		29	...	2	3	...
CLAY COUNTY						
Elliott Splint Coal Co	York	3	...	...	...	...
Elk Manor Coal Co	Dorfee	...	3	...	2	...
Elk River Coal & Lumber Co	Rich Run	...	...	...	8	...
Total		3	3	...	10	...
FAYETTE COUNTY						
Babcock Coal & Coke Co	Nos. 3 & 4	6	...	...	...	...
Blume, G. W	Fayette	2	...	...	...	...
Blume Coal & Coke Co	Blume	2	4	...	...	...
Boomer Coal & Coke Co	No. 1	1	...	...	...	...
Boomer Coal & Coke Co	No. 2	5	...	...	...	...
Boomer Coal & Coke Co	No. 2 South	5	...	...	...	...
Boomer Coal & Coke Co	No. 3	1	...	...	...	...
Boomer Coal & Coke Co	No. 4	8	...	...	...	...
Boomer Coal & Coke Co	No. 5	3	...	...	...	...
Brown Coal Co	Brown	5	...	...	...	...
Cannelton Coal & Coke Co	No. 2	11	...	...	1	...
Cannelton Coal & Coke Co	No. 3	1	...	...	...	...
Cannelton Coal & Coke Co	No. 4	4	...	...	...	...
Christian Colliery Co	Eagle	...	4	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES											
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison	Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	192,353
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	20,474
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	113,973
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7,890
...	...	...	...	...	...	...	...	...	1	...	3	...	...	...	4	36,002
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	44,943
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	64,568
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	42,605
...	...	...	...	...	...	...	...	...	1	...	3	...	..	3	43	522,827
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	96,375
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	74,904
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	55,751
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1,159
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	37,439
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	48,499
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	55,492
...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	4	71,705
...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	30	441,324
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6,418
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	69,905
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	76,323
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	102,925
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	168,724
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	41,417
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	112,966
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	69,422
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	34	495,454
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	50,117
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	32,958
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	290,701
...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	16	373,776
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	12,498
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7,376
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	38,515
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6,991
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	106,496
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	98,610
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6,524
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	160,914
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	39,256
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	28,077
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	225,117
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	13,118
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	46,560
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	74,900

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Christian Colliery Co	Powelton	...	2	...	...	...
Collins Colliery Co	Nos. 1, 2, 3 & 4	2	2	...	1	...
Columbus Iron & Steel Co., The	No. 1	2	6	...	...	...
Dunn Loop Coal & Coke Co	Dunloop	...	1	...	...	...
Elmo Mining Co., The	Elmo	2	...	...	1	...
Ephraim Creek Coal & Coke Co	Buffalo & Slater	1	...	...	3	...
Ft. Defiance Coal & Coke Co	Ft. Defiance	...	...	...	...	...
Gauley Mountain Coal Co	Buck Run	...	...	...	3	...
Gauley Mountain Coal Co	Scotia & Turkey Creek	...	...	...	...	...
Greenwood Coal Co	Greenwood	1	...	...	...	...
Harvey Coal & Coke Co	Harvey	2	3	1	...	...
Hemlock Hollow Coal & Coke Co	Hemlock	3	...	...	...	...
Johnson, W. R. Coal Co	Oakland	1	...	1	...	...
Keeney's Creek Colliery Co	Boone	...	...	...	2	...
Keeney's Creek Colliery Co	Smokeless	...	2	2	...	...
Laurel Creek Coal Co	Laurel	...	1	...	...	...
Lookout Coal & Coke Co	Lookout	4	...	...	...	...
Low Moor Iron Co. of Va., The	Kay Moor No. 1	...	1	...	1	...
Low Moor Iron Co. of Va., The	Kay Moor No. 2	...	1	...	1	...
Loup Creek Colliery Co	No. 2	2	...	...	...	...
Macdonald Colliery Co	Macdonald	...	1	...	...	...
McKell Coal & Coke Co	Derryhale	2	...	1	...	...
McKell Coal & Coke Co	Kilsyth	2	2	1	...	...
M. B. Coal & Coke Co	Columbia No. 5	2	...	...	...	...
M. B. Coal & Coke Co	Elkridge No. 1	...	4	...	...	...
M. B. Coal & Coke Co	Elkridge No. 2	3	1	...	...	...
M. B. Coal & Coke Co	Kimberly No. 3	3	1	...	...	...
Mecca Colliery Co	Diamond	...	4	...	...	...
Mecca Colliery Co	Edgewater	1	2	...	...	...
Mecca Colliery Co	Mecca Gas	1	2	...	...	...
Mecca Colliery Co	Mecca Splint	...	1	...	...	...
Milburn Coal Co	No. 1	...	2	...	...	...
Mill Creek Colliery Co	Mill Creek	...	...	...	...	...
Mt. Carbon Co., Ltd., The	Vulcan	3	...	...	...	...
New River Collieries Co	Sun	...	...	...	4	...
New River & Poca. Cons. Coal Co	Minden No. 2	3	1	...	...	...
New River & Poca. Cons. Coal Co	Minden No. 3	5	...	1	...	...
New River & Poca. Cons. Coal Co	Minden No. 4	...	...	...	...	...
New River & Poca. Cons. Coal Co	Minden No. 5	...	...	...	6	...
Nichol Colliery Co	Nichol	1	2	...	...	...
Nuttallburg Smokeless Coal Co	Nuttallburg	1	...	1	3	...
Paint Creek Collieries Co	Hickory Camp	1	...	...	...	...
Prudence Coal Co	Prudence	...	1	1	...	...
Quinnimont Coal Co	Big Q	...	1	...	...	...
River Valley Colliery Co	Bachman	2	...	...	1	...
Rock Lick Coal Co	No. 1	...	1	...	1	...
Rothwell Coal Co	Dubree	...	...	...	2	...
Scotia Coal & Coke Co	Brooklyn	...	...	...	3	...
Sewell Colliery Co	Sugar Camp	2	1	...	...	...
Solvay Collieries Co	No. 1	5	2	...	...	...
Solvay Collieries Co	Westerly Nos. 1 & 2	...	4	...	...	...
South Side Co	South Side	1	2	...	...	...
Star Coal & Coke Co., The	Star	3	...	...	...	...
St. Clair Colliery Co	Archer	5	1	...	...	...
Stuart Colliery Co	Lochgelly	...	5	1	...	...
Stuart Colliery Co	Summerlee	...	4	...	1	...
Sunday Creek Co	No. 111	...	...	6	...	...
Sunday Creek Co	No. 112	2	...	6	...	...
Sunday Creek Co	No. 114	2	...	9	...	...
Sunday Creek Co	Nos. 115, 116	...	...	3	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES											
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison	Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	25,100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	14,108
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	112,965
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	10,841
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17,357
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	29,827
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	32,500
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	14,880
5	...	...	...	...	...	...	...	...	...	...	...	...	...	13	18	64,937
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4,850
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	71,091
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	8,951
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	34,511
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	16,554
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	33,640
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	24,054
...	...	5	...	...	...	...	...	...	...	...	...	...	...	...	7	35,770
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	9,163
...	...	10	...	...	...	...	...	...	...	...	...	...	...	...	12	32,045
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5,210
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	....
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	55,199
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	25,282
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	59,554
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	61,465
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	49,018
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	34,179
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	29,532
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17,500
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	36,921
...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	12	30,229
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	11,157
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	70,243
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	86,164
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	105,978
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	118,111
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	116,416
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	45,757
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	26,529
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	10,777
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	15,369
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	8,420
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	18,418
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	14,952
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	19,484
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17,209
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	16,842
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	166,401
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	103,487
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	17,814
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	71,884
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	65,183
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	44,117
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	57,151
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	111,641
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	156,520
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	116,782
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	99,235

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Turkey Knob Coal Co.	Turkey Knob	...	...	1	...	...
White Oak Fuel Co.	Carlisle	...	1	...	...	...
White Oak Fuel Co.	Scarbro	2	6	2	...	...
White Oak Fuel Co.	Whipple	2	2	1	...	...
Total		128	81	38	34	...
GILMER COUNTY						
Gilmer Consolidated Coal Co.	Brackett	2	...	...	...	...
Gilmer Fuel Co.	Gilmer	...	...	...	...	...
McCaa Coal Co.	McCaa	1	...	...	1	...
Total		3	...	...	1	...
GRANT COUNTY						
Davis Coal & Coke Co.	Henry No. 22	3	...	...	2	...
Total		3	...	...	2	...
GREENBRIER COUNTY						
Elk Lick Coal Co.	Spruce Knob	...	...	...	...	...
Total		...	...	...	...	...
HARRISON COUNTY						
Byron Coal Co.	Althea	1	...	...	1	...
Central Fairmont Coal Co.	Snake Hill	...	...	1	...	...
Consolidation Coal Co.	No. 21	11	...	...	...	...
Consolidation Coal Co.	No. 23	4	...	...	...	...
Consolidation Coal Co.	No. 25	7	...	...	...	...
Consolidation Coal Co.	No. 27	4	...	...	...	...
Consolidation Coal Co.	No. 29	3	...	...	...	...
Consolidation Coal Co.	No. 32	8	...	...	...	...
Consolidation Coal Co.	No. 33	3	...	...	...	...
Consolidation Coal Co.	No. 35	4	...	...	...	...
Consolidation Coal Co.	No. 39	3	...	...	...	...
Consolidation Coal Co.	No. 40	9	...	...	...	...
Consolidation Coal Co.	No. 42	6	...	...	...	...
Consolidation Coal Co.	No. 44	3	...	...	...	...
Consolidation Coal Co.	No. 48	4	...	...	...	...
Consolidation Coal Co.	No. 49	9	...	...	...	...
Consolidation Coal Co.	No. 50	7	...	...	...	...
Consolidation Coal Co.	No. 51	5	...	...	...	...
Consolidation Coal Co.	No. 52	...	...	...	...	...
Consolidation Coal Co.	No. 54	4	...	...	...	...
Consolidation Coal Co.	No. 55	...	3	...	...	...
Consolidation Coal Co.	No. 58	3	...	...	...	...
Consolidation Coal Co.	No. 60	2	...	...	...	...
Consolidation Coal Co.	No. 62	2	2	...	...	...
Consolidation Coal Co.	No. 64	...	...	...	...	...
Consolidation Coal Co.	No. 65	5	...	...	...	...
Consolidation Coal Co.	No 66	4	...	...	...	...
Corona Coal & Coke Co.	Corona	...	...	2	...	...
Corona Coal & Coke Co.	Harold	...	4	...	...	...
Fairmont & Baltimore C. & C. Co.	Fairmore	1	...	...	...	...
Fayette Coal Company	Fayette	...	...	...	...	...
Francois Coal &Coke Co.	Norwood	...	...	2	...	...
Harry B. Coal & Coke Co.	Pitcairn	4	...	...	...	...
Haywood Coal Mining Co.	Monroe	4	...	...	...	...
Hutchinson Coal Co.	Delta	...	...	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electri	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	6,272
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	10,796
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	86,246
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	20,147
9	...	15	...	...	...	...	...	...	12	...	...	...	...	19	336	3,734,194
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	13,840
...	...	...	...	...	...	...	...	...	...	...	...	1	...	5	6	62,454
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	12,075
...	...	...	...	...	...	...	...	...	...	...	...	1	...	5	10	88,369
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	90,687
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	90,687
...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	208
...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	208
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	65,945
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	67,947
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	115,418
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	23,661
...	...	...	...	...	...	...	...	...	...	...	2	...	...	6	15	154,325
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	40,680
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	46,275
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	207,691
...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	3	26,274
...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	6	59,654
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	39,488
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	120,185
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	76,041
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	37,556
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	41,173
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	81,202
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	66,513
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	51,881
...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	10	52,375
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	35,297
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	77,105
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	36,471
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	22,458
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	20,857
...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	8	47,272
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	50,594
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	57,115
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	14,166
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	61,467
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	49,894
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	28,970
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	12,463
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	84,321
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	51,816
...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	4	54,898

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Hutchinson Coal Co.	Erie	...	1	4	...	...
Hutchinson Coal Co.	Florence	4	...	...	...	...
Hutchinson Coal Co.	Girard	...	...	...	...	...
Hutchinson Coal Co.	Hutchinson	...	1	4	...	...
Hutchinson Coal Co.	McCandlish	...	7	...	...	...
Lambert Run Coal Co.	Clauson	4	...	...	...	...
Madeira-Hill-Clark Coal Co.	Randolph	...	5	...	7	...
Marion Gas Coal Co.	Bingamon	1	...	...	4	...
Marshall Coal Co.	Marshall	...	...	...	...	...
Orr Coal Mining Co.	Miller No. 2	...	2	...	...	...
Orr Shields Coal Co.	Phoenix	...	...	...	...	...
Overholt Coal Co.	Overholt	1	...	...	...	...
Rosebud Fuel Co.	No. 1	...	...	...	...	...
Rosebud Fuel Co.	No. 2	...	...	2	...	...
Va.-Maryland Coal Corporation	Willard Nos, 1, 2 & 3	...	...	...	...	...
Winchester Coal Co.	Winchester	...	...	2	...	...
Total		130	25	17	12	...
KANAWHA COUNTY						
Belmont Coal Co.	Belmont	..	...	...	...	...
Blue Creek Coal & Land Co.	Blakeley No. 4	...	3	...	...	...
Blue Creek Coal & Land Co.	Will's Hollow No. 2	...	3	...	...	...
Cabin Creek Cons. Coal Co.	Acme	...	2	...	...	...
Cabin Creek Cons. Coal Co.	Belleclare	...	3	...	...	...
Cabin Creek Cons. Coal Co.	Black Tulip	1	4	...	...	...
Cabin Creek Cons. Coal Co.	Buckeye	2	3	...	...	...
Cabin Creek Cons. Coal Co.	Caledonia	...	1	...	...	...
Cabin Creek Cons. Coal Co.	Cherokee	2	2	...	...	...
Cabin Creek Cons. Coal Co.	Davis	5	1	...	...	...
Cabin Creek Cons. Coal Co.	Empire	...	3	...	...	...
Cabin Creek Cons. Coal Co.	Holly	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Kayford	1	7	...	...	...
Cabin Creek Cons. Coal Co.	Quarrier	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 1	1	4	...	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	...	2	1	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	1	3	...	...	...
Cabin Creek Cons. Coal Co.	Red Warrior	...	1	...	...	...
Cabin Creek Cons. Coal Co.	Rose	1	5	...	...	...
Cabin Creek Cons. Coal Co.	Ruby	...	3	...	...	...
Cabin Creek Cons. Coal Co.	Shamrock	1	5	...	...	...
Cabin Creek Cons. Coal Co.	Thistle	1	...	...	...	...
Cabin Creek Cons. Coal Co.	United Splint	1	4	...	...	...
Campbell's Creek Coal Co., The	No. 1	10	...	1	...	...
Campbell's Creek Coal Co., The	No. 3	5	...	...	...	...
Cannelton Coal & Coke Co.	No. 1	8	...	...	...	...
Carbon Coal Co.	Low Sulphur	...	2	...	...	...
Carbon Coal Co.	South	...	4	...	...	...
Carbon Coal Co.	Splint	...	5	...	...	...
Chesapeake Mining Co.	No. 1	...	8	...	...	...
Chesapeake Mining Co.	Nos. 2 & 3	...	2	...	...	...
Coalburg Colliery Co.	Belmont & Ronda	...	8	...	...	...
Coalburgh-Kanawha Coal Co.	No. "A"	..	...	2	...	...
Coalburgh-Kanawha Coal Co.	No. "B"	1	...	1	1	...
Dry Branch Coal Co.	Belmont & Coalburg	...	6	...	...	...
Eureka Coal Co., The	Nos. 1, 3 & 4	4	...	...	...	...
Hughes Creek Coal Co.	Nos. 2 & 4	...	11	...	...	...
Imperial Colliery Co.	No. 1	...	...	1	...	...
Imperial Colliery Co.	No. 3	...	5	...	...	...
Kelly's Creek Colliery Co.	No. 1	2	3	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	8	200,233
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	52,652
...	...	...	...	...	...	...	...	...	...	...	...	6	...	2	8	22,304
...	...	...	...	...	...	...	...	...	...	...	...	4	...	3	12	190,621
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	176,858
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	68,082
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	153,650
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	108,840
...	...	...	...	...	...	...	...	...	...	...	5	1	...	10	16	40,820
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	54,362
...	...	...	...	...	...	...	...	...	...	...	3	...	...	4	7	33,175
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	16.000
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1,807
...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	5	61,565
...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	14	159,993
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	21,105
...	1	2	...	...	...	...	...	...	...	3	10	15	11	54	280	3,441,514
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	59,965
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	32,964
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	22,720
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	17,983
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	11,797
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	64,089
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	56,435
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	8,735
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	29,356
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	39,380
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	38,915
...	...	...	...	...	...	...	...	...	...	...	2	...	...	3	5	18,002
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	41.064
...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	4	24,508
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	46,346
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	54,933
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	47,337
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	182
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	42,456
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	42.401
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	64,994
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4,131
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	51,268
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	219,043
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	72,926
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	205,734
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	13,323
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	12,550
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	95,326
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	77,181
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	27,968
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	100,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	28,516
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	51,127
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	80,100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	35.345
...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	11	115.002
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	6	77,100
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	85.000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	124,797

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Kelly's Creek Colliery Co.	No. 3	9	...	...	...	...
Lewis Coal & Coke Co.	Lewis	1	3	...	...	...
Marmet Coal Co., The	Black Band	5	2	...	...	...
Marmet Coal Co., The	Monarch	13	...	...	...	...
Marmet Coal Co., The	New Butler	4	2	...	...	...
Montgomery Coal Co.	No. 1	1	1	...	...	...
Montgomery Coal Co.	No. 2	1	1	...	...	...
Morris Creek Coal Co.	Turner No. 2	...	4	...	...	...
National Bituminous C. & C. Co.	Coalburg No. 8	...	4	...	...	...
National Bituminous C. & C. Co.	No. 2 Gas	...	2	3	...	...
National Bituminous C. & C. Co.	No. 5 Splint	...	2	2	...	...
Olcott Coal & Iron Co.	No. 1	...	...	...	5	...
Olcott Coal & Iron Co.	No. 2	...	...	...	1	...
Paint Creek Collieries Co.	Banner	3	1	...	...	...
Paint Creek Collieries Co.	Grose Nos. 1 & 2	6	4	...	...	...
Paint Creek Collieries Co.	Paint Creek	4	8	...	...	...
Paint Creek Collieries Co.	Reynolds	3	...	...	...	...
Paint Creek Collieries Co.	Scranton	7	...	...	...	...
Paint Creek Collieries Co.	Wacomah	3	1	1	...	...
Quincy Coal Co.	Nos. 1 & 2	...	7	...	...	...
Republic Coal Co.	No. 1	...	2	...	...	...
Republic Coal Co.	No. 2	...	1	...	...	...
Republic Coal Co.	No. 3	...	3	...	...	...
Republic Coal Co.	No. 5	...	2	...	...	...
Southwestern Splint Fuel Co.	Black Cat	3	...	...	...	...
Standard Kanawha Coal Mining Co	Coalridge No. 1	...	5	...	...	...
Standard Kanawha Coal Mining Co	Acme No. 2	...	3	...	...	...
Standard Splint & Gas Coal Co.	Standard	3	...	...	2	...
Sunday Creek Co.	No. 101	1	...	1	...	...
Sunday Creek Co.	No. 104	6	...	...	...	...
Sunday Creek Co.	No. 105	11	...	...	...	...
Sunday Creek Co.	No. 108	4	...	...	...	...
Winifrede Coal Co.	North	...	...	...	...	...
Winifrede Coal Co.	South	2	7	...	...	...
Virginia Coal Co.	Nos. 1 & 2	...	...	3	...	...
Wake Forest Mining Co.	Wake Forest	...	5	...	...	...
West Virginia Colliery Co.	No. 1	...	3	...	...	...
West Virginia Colliery Co.	No. 3	...	5	...	...	...
West Virginia Colliery Co.	No. 4	...	4	...	...	...
Wyatt Coal Co.	Berlin	...	4	1	...	...
Wyatt Coal Co.	Horton	...	2	...	2	...
Wyatt Coal Co.	Oakley	...	...	...	4	...
Total		137	201	17	15	...
LINCOLN COUNTY						
Branchland Coal Co.	Branchland	...	...	...	...	...
Guyan River Coal Co.	Guyan	...	...	...	...	...
Total		...	...	...	...	...
LOGAN COUNTY						
Amherst Coal Co.	Nos. 1 & 2	...	...	3	...	...
Aracoma Coal Co.	Nos. 1 & 2	5	...	...	...	...
Argyle Coal Co.	Argyle	...	...	1	...	...
Avon Coal Co., The	Avon	...	...	5	...	...
Buffalo Eagle Colliery Co.	Buffalo-Eagle	...	...	1	...	...
Coal River Coal & Coke Co.	Dobra	1	...	...	2	...
Coal Valley Mining Co.	Sylvia	1	3	...	...	...
Cora Coal & Coke Co.	Cora	4	...	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued

MAC					COMPRESSED AIR MACHINES											
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison	Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	181,724
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	31,827
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	64,993
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	44,379
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	43,831
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3,788
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	5,772
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	43,527
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	36,208
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	79,255
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	46,041
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	51,606
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	7,984
..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	16,135
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	42,015
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	50,258
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	38,303
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	40,266
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	24,999
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	56,012
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	16,482
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	37,363
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	13,300
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	29,207
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	43,724
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	38,603
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	25,972
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	65,749
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	43,377
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	54,046
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	123,618
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	28,361
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18,077
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	42,677
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	29,373
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	76,099
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	31,801
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	104,282
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	65,416
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	35,620
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	68,336
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	36,340
...	...	...	...	...	...	1	...	...	...	...	3	...	...	10	384	4,121,482
...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	6	38,432
...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2	23,156
...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	8	61,588
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	71,657
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	175,458
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	18,562
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	91,200
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	9,500
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	84,883
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	77,400
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	117,077

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Crown Coal & Coke Co	Crown	...	2	...	...	...
Cub Fork Coal Co	Cub Fork	...	2	...	...	...
Draper Coal & Coke Co	Draper	1	4	...	...	...
Eagle Island Coal Co	Eagle Island	1	...	1	1	...
Ethel Coal Co., The	Nos. 1, 1½ & 2	2	...	5	...	...
Fort Branch Coal Corporation	Ft. Branch	...	...	2	...	...
Frieze Fork Coal Mining Co	Frieze Fork	...	...	2	...	...
Gay Coal & Coke Co., The	....	...	2	...	2	...
George's Creek Coal Co., Inc	George's Creek	2	...	...	...	...
Guyandotte Coal Co	Kitchen	...	...	...	...	...
Huddleston Coal & Coke Co	Huddleston	...	...	2	...	...
Johnson, E. R., Coal Mining Co	Nos. 1 & 2	2	1	1	...	...
Kohinoor Coal & Coke Co	Kohinoor	3	...	...	...	...
Logan Coal Co., The	Logan	3	...	1	...	...
Logan Mining Co	Earling	4	...	1	...	...
Logan Mining Co	Manitoba	...	...	4	...	...
Logan Mining Co	Mona	...	...	1	...	...
Logan Mining Co	Wanda	2	...	2	...	...
Long Flame Coal Co	Long Flame	...	2	...	...	...
Main Island Creek Coal Co	No. 4	...	...	2	...	...
Manbar Coal Co	Manbar	1	...	...	1	...
McGregor Coal Co	McGregor	...	...	...	6	...
Mifflin Coal Co	Nos. 1 & 2	...	7	...	2	...
Monitor Coal & Coke Co	Monitor No. 1, 2, Beechwood	1	1	11	...	...
Opperman Coal Co., The	Opperman	3	...	...	...	...
Paragon Colliery Co	No. 2	...	3	...	...	...
Rex Coal & Coke Co	Rex	...	...	...	...	...
Rich Creek Coal Co	Wilburn	2	...	...	...	...
Shamrock Coal Co	Litz	3	...	...	...	...
Sovereign Coal Co	Sovereign	...	...	2	...	...
Spruce Bend Coal Co	Sharpless Nos. 1 & 2	...	4	...	1	...
Spruce Valley Coal Co	Spruce Valley	...	3	...	...	...
Stone Branch Coal Co	Stone Branch	5	2	...	...	...
Summers, H. B., Coal Co	Summers	1	...	...	...	...
Sunbeam Coal Co	Sunbeam	...	...	2	...	...
Thomas, D. C., Coal Co	Grace	2	2	...	...	...
U. S. Coal & Oil Co	No. 1	9	...	...	...	...
U. S. Coal & Oil Co	No. 2	8	...	...	...	...
U. S. Coal & Oil Co	No. 3	5	...	...	1	...
U. S. Coal & Oil Co	No. 4	5	...	...	1	...
U. S. Coal & Oil Co	Nos. 5 & 6	6	...	...	...	...
U. S. Coal & Oil Co	No. 7	5	...	...	...	...
U. S. Coal & Oil Co	No. 8	6	...	...	...	...
U. S. Coal & Oil Co	Nos. 9 & 10	3	...	...	...	...
Virginia Buffalo Coal Co	Va.-Buffalo	...	2	...	...	...
Wilson, H. T., Coal Co	Wilson	2	3	...	...	...
Yuma Coal & Coke Co., The	Yuma	...	...	5	...	...
Total	....	98	43	54	17	...
MARION COUNTY						
Consolidation Coal Co., The	No. 22	...	7	...	...	...
Consolidation Coal Co., The	No. 24	9	...	...	...	...
Consolidation Coal Co., The	No. 26	...	...	...	...	...
Consolidation Coal Co., The	No. 28	6	...	...	...	...
Consolidation Coal Co., The	No. 36	3	...	...	2	...
Consolidation Coal Co., The	No. 38	7	...	...	...	...
Consolidation Coal Co., The	No. 43	...	10	...	...	...
Consolidation Coal Co., The	No. 45	2	...	...	...	...
Consolidation Coal Co., The	No. 47	6	...	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	42,320
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	9,350
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	56,725
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	19,564
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	166,674
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	51,899
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	18,538
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	126.667
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	17.200
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	30,255
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	28,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	26,373
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	101.539
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	39,060
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	109,676
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	75.679
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	37,460
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	72,520
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	48.338
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	6,634
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	34.509
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	50,910
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	67,954
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	244,425
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	44,732
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	59,793
...	...	...	...	...	...	...	...	5	...	...	...	...	...	3	8	89,600
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	28,720
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	88,746
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	26,243
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	61,790
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	27,362
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	78.403
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	24.000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	30,659
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	51,124
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	475,959
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	330,331
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	209,618
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	250,251
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	223,447
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	274,737
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	255,274
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	146.540
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	32,094
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	87,309
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	121,601
...	...	...	...	...	...	...	...	5	...	...	...	...	...	7	224	5,145.439
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	158,837
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	110.529
...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	4	179,454
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	19,327
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	29,190
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	127,821
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	173,065
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	6,363
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	80,937

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Consolidation Coal Co., The	No. 53	...	3	...	...	...
Consolidation Coal Co., The	No. 56	8	...	...	...	...
Consolidation Coal Co., The	No. 63	...	11	...	...	...
Consolidation Coal Co., The	No. 67	3	...	...	...	...
Consolidation Coal Co., The	No. 84	4	...	...	...	...
Dakota Coal & Coke Co	No. 2	...	...	...	...	...
Fairmont & Cleveland Coal Co	Parker Run	...	...	...	...	...
Federal Coal & Coke Co	Federal	...	...	...	...	...
Four States Coal & Coke Co	Annabelle	...	...	...	...	...
Jamison Coal & Coke Co	No. 7	...	...	...	...	...
Jamison Coal & Coke Co	No. 8	...	...	...	...	...
Jamison Coal & Coke Co	No. 9	...	...	...	...	...
New Central Coal Co	Stafford	...	...	...	...	...
Total		48	31	...	2	...
MARSHALL COUNTY						
Ben Franklin Coal Co	Panama	...	...	4	...	...
Glendale Colliery Co	Glendale	5	...	...	...	...
Hitchman Coal & Coke Co	Hitchman	14	...	...	...	...
Mound Coal Co	Mound	4	...	...	...	...
Parr's Run Coal Co	Parr's Run	5	...	...	...	...
Wheeling Steel & Iron Co	Benwood	4	...	2	...	...
Total		32	...	6	...	...
MASON COUNTY						
Hutchinson Coal Co	Linden	...	...	4	...	...
Jackson Coal & Mining Co	Jackson	3	...	...	...	...
Newton, J. M. & D. E., Co	Hartford	...	...	...	...	...
Total		3	...	4	...	...
McDOWELL COUNTY						
Algoma Coal & Coke Co	Piney and Stone Bank	2	1	...	...	...
Ashland Coal & Coke Co	Ashland & Monitor	4	...	...	...	...
Black Wolf Coal & Coke Co	Blackwolf	...	...	2	...	...
Bottom Creek Coal & Coke Co	No. 1	1	3	...	...	...
Bottom Creek Coal & Coke Co	No. 2	1	...	...	2	...
Carter Coal Co	Caretta	...	...	6	...	...
Carter Coal Co	Nora and No. 8	...	...	1	2	...
Carter Coal Co	Six	...	...	6	...	...
Crozer Coal & Coke Co	Nos. 1 & 2	...	...	...	2	...
Davy Poca. Coal Co	No. 1	...	...	1	...	...
Excelsior Poca. Coal Co	No. 138	...	...	1	4	...
Flanagan Coal Co	No. 1	...	1	...	...	...
Gilliam Coal & Coke Co	Gilliam	1	...	...	...	...
Hemphill Colliery Co	Hemphill	...	...	...	...	...
Houston Collieries Co	Caswell Nos. 1 & 2	1	1	...	...	...
Houston Collieries Co	Huger	2	...	...	2	...
Indian Ridge Coal & Coke Co	Indian Ridge	2	3	...	...	...
J. B. B. Coal Co	No. 2	...	1	...	...	...
J. B. B. Coal Co	No. 4	...	...	...	...	18
Keystone Coal & Coke Co	Nos. 1 & 2	1	...	...	...	...
Lake Superior Coal Co	No. 1	...	3	...	...	...
Lake Superior Coal Co	No. 2	...	1	...	2	...
Lathrop Coal Co	Lathrop	...	...	4	...	...
McDowell Coal & Coke Co	McDowell	1	...	...	...	...
Mohawk Coal & Coke Co	Mohawk	...	...	...	...	...
New River & Poca. Cons. Coal Co	Berwind No. 1	4	...	...	3	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MA(L.					COMPRESSED AIR MACHINES											
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electri	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison	Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	94,235
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	118,451
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	185,507
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	49,874
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	96,888
...	...	...	...	...	...	...	...	...	...	...	4	2	...	...	6	126,327
...	...	...	...	...	...	...	...	...	...	...	...	...	6	1	7	36,947
...	...	...	...	...	...	...	...	...	...	2	...	30	3	3	38	512,249
...	...	...	...	...	...	...	3	...	...	20	9	2	2	4	40	348,944
...	...	...	...	...	...	...	2	...	...	...	...	32	...	...	34	477,431
...	...	...	...	...	...	...	...	...	...	...	...	30	...	2	32	427,923
...	...	...	...	...	...	...	...	...	...	...	...	31	...	...	31	325,015
...	...	...	...	...	...	...	6	...	...	...	8	...	...	5	19	146,411
...	...	...	2	2	...	...	11	...	...	22	21	127	11	15	292	3,831,765
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	100,190
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	120,486
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	393,593
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	104,029
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	70,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	128.391
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	38	916,689
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	68,850
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	19,807
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5,677
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	94,334
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	64,905
...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	10	112,060
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	61,652
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	66,790
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	78,137
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	98,940
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	45,964
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	150,685
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	102,157
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	53,400
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	113,067
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	33,810
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	24,238
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1,050
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	56,099
...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	6	42,046
...	...	7	...	...	...	...	...	...	...	...	...	...	...	...	8	7,545
...	...	4	...	...	...	...	...	1	1	...	...	...	...	...	24	82,793
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	78,780
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	31,067
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	148,625
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	24,914
...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	6	100,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	23,454

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
New River & Poca. Cons. Coal Co.	Berwind No. 2	3	...	...	5	...
New River & Poca. Cons. Coal Co.	Berwind No. 3	1	...	...	5	...
New River & Poca. Cons. Coal Co.	Berwind No. 4	1	...	...	4	...
New River & Poca. Cons. Coal Co.	Berwind No. 5	...	...	...	5	...
Oregon Coal Co.	Nos. 2, 3 & 4	...	...	...	...	...
Page Coal & Coke Co.	Nos. 1, 2 & 3	...	...	...	3	...
Panther Coal Co.	Panther	2	...	...	...	...
Peerless Coal & Coke Co.	Nos. 1 & 2	1	...	...	1	...
Poca. Consol. Collieries Co.	Angle	...	...	...	...	...
Poca. Consol. Collieries Co.	Delta	4	...	...	...	...
Poca. Consol. Collieries Co.	Lick Branch	4	...	...	...	...
Poca. Consol. Collieries Co.	No. 6	5	...	...	...	...
Poca. Consol. Collieries Co.	No. 7	4	...	...	...	...
Poca. Consol. Collieries Co.	No. 8	4	...	...	...	...
Poca. Consol. Collieries Co.	Rolfe	4	...	...	...	...
Poca. Consol. Collieries Co.	Shamokin	...	...	...	...	...
Powhatan Coal & Coke Co.	East & West	...	...	...	3	...
Pulaski Iron Co.	Nos. 1, 2 & 3	...	...	...	3	...
Roanoke Coal & Coke Co.	Roanoke	...	...	...	1	...
Solvay Collieries Co.	Big Sandy	2	...	...	...	...
Standard Poca. Coal Co., The	Standard	...	1	...	5	...
Superior Poca. Coal Co.	Blackstone	...	...	...	1	...
Superior Poca. Coal Co.	Cletus	...	...	...	2	...
U. S. Coal & Coke Co.	No. 2	6	...	...	...	...
U. S. Coal & Coke Co.	No. 3	2	...	...	6	...
U. S. Coal & Coke Co.	No. 4	...	...	...	6	...
U. S. Coal & Coke Co.	No. 5	...	...	...	5	...
U. S. Coal & Coke Co.	No. 6	...	...	...	10	...
U. S. Coal & Coke Co.	No. 7	...	...	...	7	...
U. S. Coal & Coke Co.	No. 8	...	...	...	6	...
U. S. Coal & Coke Co.	No. 9	...	...	...	14	...
U. S. Coal & Coke Co.	No. 10	...	...	...	10	...
U. S. Coal & Coke Co.	No. 11	...	...	...	14	...
U. S. Coal & Coke Co.	No. 12	6	...	...	5	...
Welch Coal & Coke Co.	Welch	...	...	...	...	...
West Va. Poca. Coal Co.	Leckie No. 1 & 2	2	...	...	...	...
Yukon-Poca. Coal Co.	Nos. 1 & 2	1	...	1	1	...
Zenith Coal & Coke Co.	Nos. 1 & 2	...	4	...	...	...
Total		72	19	22	139	18
MERCER COUNTY						
American Coal Co.	Crane Creek	...	...	...	5	...
American Coal Co.	Piedmont	1	...	1	5	...
American Coal Co.	Pinnacle	...	...	...	5	...
Booth Bowen Coal & Coke Co.	Booth-Bowen	...	1	...	...	...
Ennis Coal Co.	Hiawatha	...	...	...	3	...
Louisville Coal & Coke Co.	Louisville, Klondike & Goodwill	...	2	...	...	...
Mill Creek Coal & Coke Co.	East, West, West Fork and Tug River	3	...	...	...	...
Pawama Coal & Coke Co., The	Nos. 1 & 2	...	...	...	2	...
Poca. Cons. Collieries Co., Inc.	Sagamore Nos. 1 & 2	5	...	...	...	...
Smokeless Coal & Coke Co.	Smokeless	2	...	...	...	...
Solvay Collieries Co.	Spring	...	...	...	2	...
Turkey Gap Coal & Coke Co.	Nos. 1 & 2	1	2	...	4	...
Weyanoke Coal & Coke Co.	No. 1	3	1	...	...	...
Total		15	6	1	26	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	50,508
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	77,739
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	65,697
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	34,647
...	...	...	...	...	...	...	...	...	...	...	...	2	...	7	9	46,917
...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	5	41,689
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1,891
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	13,668
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	239,149
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	247,580
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	241,855
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	265,090
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	161,310
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	167,380
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	182,880
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	232,604
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	84,450
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	107,801
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	....
...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	5	121,152
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	87,925
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5,557
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	38,477
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	157,500
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	91,874
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	132,438
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	137,012
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	238,296
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	195,740
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	52,715
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	263,367
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	26,973
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	64,173
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	94,948
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	60.606
...	1	13	...	1	...	...	...	1	1	6	...	10	...	15	318	5,628,787
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	50,180
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	90,055
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	38,639
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	24,911
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	63,844
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7,650
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	25,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	36,933
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	227,008
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	43,200
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	22,583
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	107,226
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	737,229

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
MINERAL COUNTY						
Abram s Creek Coal & Coke Co.	Oakmont No. 1	5	...	...	...	...
Davis Coal & Coke Co.	No. 14	...	...	...	...	...
Gleason Coal & Coke Co.	Gleason	1	2	...	...	...
Total		6	2	...	...	...
MINGO COUNTY						
Buffalo Collieries Co., The	Buffalo	2	...	2	...	...
Crystal Block Coal & Coke Co.	Winifrede Nos. 1 & 2	...	...	...	5	...
Glen Alum Coal Co.	Nos. 1, 2, 3 & 4	...	11	...	3	...
Grey Eagle Coal Co.	Grey Eagle	...	...	...	...	...
Howard Colliery Co.	Frederick	...	...	...	...	...
Howard Colliery Co.	Howard	...	...	...	...	...
Howard Junior Coal Co.	Junior	...	...	...	...	...
Magnolia Coal & Coke Co.	Magnolia	...	...	...	...	...
Margaret Mining Co.	Margaret	...	...	...	...	...
Mary Helen Coal Co.	Mary Helen	...	...	4	...	...
Mingo Washel Coal Co.	Mattie May	...	...	...	1	...
Red Jacket Cons. C. & C. Co.	Mitchel Branch & Rutherford	8	...	...	4	...
Red Jacket Cons. C. & C. Co.	Red Jacket	2	...	...	...	...
Red Jacket Jr. Coal Co.	Junior	3	...	...	4	...
Shanklin, Jas. R., Coal Co.	Naugatuck	...	...	...	...	...
Sternberger, E. L., Coal Co.	Sternberger	...	...	...	...	...
Stone Mountain Coal Corporation	Marvin	...	...	...	...	...
Superior Thacker C. & C. Co.	No. 1	...	1	...	...	...
Sycamore Coal Co.	Cinderella	2	...	...	5	...
Thacker Coal & Coke Co.	Nos. 2, 3, 6, 7, 8 & 9	11	...	...	...	...
Thacker Coal & Coke Co.	No. 5, 11, 12, 13 & 14	7	1	3	...	...
War Eagle Coal Co.	Mephisto	...	...	...	...	...
War Eagle Coal Co.	Pappoose	...	...	...	...	...
White Star Mining Co.	Nos. 1 & 2	4	...	...	...	...
Williamson Coal & Coke Co.	Coalburg, Winifrede & Thacker	...	...	...	5	...
Total		39	13	9	27	...
MONONGALIA COUNTY						
Consolidation Coal Co., The	No. 30	1	...	...	...	...
Elkins Coal & Coke Co.	No. 5	4	...	...	...	...
Total		5	...	...	...	...
NICHOLAS COUNTY						
Coalbell Coal Co.	Trees No. 1	...	4	1	...	...
Saxman Coal & Coke Co.	Nos. 1, 2 & 3	1	...	...	1	...
Total		1	4	1	1	...
OHIO COUNTY						
Creighton, W. F.	Creighton	...	...	1	...	...
Elm Grove Coal Co., The	Elm Grove	4	...	...	...	...
Richland Coal Co.	Richland	12	...	1	...	...
Whitaker-Glesner Co.	Carter	...	2	...	...	...
Total		16	2	2	...	...
PRESTON COUNTY						
Austen Coal & Coke Co., The	No. 1	...	...	4	...	...
Austen Coal & Coke Co., The	No. 2	...	...	2	...	...
Elkins Coal & Coke Co.	No. 4	...	...	...	3	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	41,390
...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	30,583
...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	9	71,973
...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	8	131,888
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	87,944
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	274,763
...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	7	52,988
...	...	...	...	...	...	...	...	...	...	...	1	...	...	7	8	63,094
...	...	...	...	...	...	...	...	...	...	...	3	...	...	7	10	98,267
...	...	...	...	...	...	...	...	...	...	...	3	...	...	7	10	91,103
...	...	...	...	...	...	...	...	...	6	...	...	1	...	...	7	34,193
...	...	...	...	...	...	...	...	...	5	...	...	...	...	...	5	67,591
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	70,142
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5,215
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	238,950
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	23,428
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	192,738
...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	7	80,415
...	...	...	...	...	...	...	...	...	10	...	...	...	...	...	10	87,937
...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	18,090
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	12,533
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	143,630
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	145,616
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	96,641
...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	10	73,406
...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	10	72,484
...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	4	56,250
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	97,443
...	...	...	...	...	...	...	...	...	35	...	27	1	...	25	176	2,317,771
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2,147
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	75,483
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	77,630
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	9,763
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	12,634
...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	7	22,397
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	4,180
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	36,145
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	368,039
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	....
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	408,364
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	21,992
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7,884
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	36,901

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
Gorman Coal & Coke Co.	Nos. 2, 3 & 4	...	...	...	...	...
Hiorra Coke Co.	Vulcan	...	...	...	...	...
Kingwood Coal Co.	Howesville	...	...	...	...	...
Preston County Coke Co.	Cascade Nos. 1, 2 & 3	2	...	...	...	...
Somerset Smokeless Coal Co.	Tunnelton	...	7	...	...	...
Va.-Maryland Coal Corporation	Scotch Hill	...	...	...	...	...
Total		2	7	6	3	...
PUTNAM COUNTY						
Oak Forest Coal Co.	Oak Forest	...	1	...	...	...
Total		...	1	...	...	...
RALEIGH COUNTY						
Bailey Wood Coal Co.	Bailey Wood	...	...	...	...	...
Beckley Coal & Coke Co.	Beckley	...	...	2	...	...
Clear Fork Coal Co.	Leevale	...	1	...	2	...
Cranberry Fuel Co.	Cranberry	...	4	...	...	...
Cranberry Fuel Co.	Sprague	...	2	...	...	...
Four States Coal & Coke Co.	Dorothy	8	...	...	...	...
Four States Coal & Coke Co.	Sarita	8	...	...	...	...
Gulf Coal Co.	Nos. 1, 2 & 3	1	...	...	...	...
Gulf Smokeless Coal Co.	Nos. 1, 2 & 3	...	...	...	2	...
Lynwin Coal Co.	Lynwin	...	...	...	...	...
Marsh Fork Coal Co.	Marsh Fork	...	3	...	1	...
MacAlpin Coal Co.	MacAlpin	...	1	...	8	...
McKell Coal & Coke Co.	Graham Nos. 1 & 2	...	3	...	...	...
McKell Coal & Coke Co.	Oswald Nos. 1, 2, 3 & 4	...	6	...	...	...
McKell Coal & Coke Co.	Tamroy	...	3	...	...	...
New River Collieries Co., The	Eccles Nos. 3 & 4	5	...	...	...	...
New River Colylieries Co., The	Eccles Nos. 5 & 6	5	...	...	...	...
Pemberton Coal & Coke Co.	Affinity	1	...	...	2	...
Piney Mining Co.	Nos. 1 & 2	1	1	...	...	...
Price Hill Fuel Co.	Price Hill	...	1	...	...	...
Raleigh Coal & Coke Co.	Nos. 1, 2 & 4	2	...	...	...	...
Raleigh Coal & Coke Co.	No. 3	4	...	...	...	...
Raleigh Coal & Coke Co.	Nos. 5 & 6	8	...	...	...	...
Slab Fork Coal Co.	Nos. 2, 3, 6 & 7	...	6	1	...	...
White, E. E., Coal Co.	Glen White Nos. 1 & 2	...	2	...	3	...
White, E. E., Coal Co.	Stotesbury Nos. 1, 3 5, 6 & 7	...	2	...	5	...
Winding Gulf Colliery Co.	Nos. 1 & 3	1	...	...	5	...
	No. 2	...	...	2	1	...
Total		44	35	5	29	...
RANDOLPH COUNTY						
Davis Colliery Co.	Coalton Nos. 1 & 3	...	...	...	6	...
Davis Colliery Co.	Harding Nos. 1, 3 & 5	...	...	...	4	...
Rich Mountain Coal Co.	Hastridge	1	...	...	...	...
Total		1	...	...	10	...
TAYLOR COUNTY						
Maryland Coal Co. of W. Va.	Wendel Nos. 1, 2, 4	...	...	18	...	...
McGraw Coal Co.	No. 1	3	...	...	...	...
Pittsvein Coal Co.	No. 4	...	5	...	...	...
Rosemont Coal Co.	Rosemont	1	...	...	3	...
Sterling Coal Co., Ltd.	Cecil	1	1	...	...	...
Winona Coal & Coke Co.	No. 2	2	...	...	1	...
Total		7	6	18	4	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES											
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison	Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
...	...	...	...	...	...	...	...	...	...	...	1	3	...	...	4	11,511
...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	6	....
...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	6	20,387
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	7,136
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	183,389
...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	18,935
...	...	...	...	...	...	...	...	...	6	...	1	3	...	11	39	308,135
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1,228
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1,228
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	....
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	12,368
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	73,564
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	23,925
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	15,502
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	200,939
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	163,921
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	22,397
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	8,000
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	45,766
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	60,558
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	177,882
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	21,009
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	33,614
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	47,952
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	67,083
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	139,715
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	65,129
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	11,561
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	96
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	18,505
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	28,308
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	60,430
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	63,666
...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	6	110,831
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	171,966
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	149,203
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	109,757
3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	117	1,893,778
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	105,514
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	43,224
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3,108
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	151,846
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	350,722
...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	6	74,155
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	91,357
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	80,512
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	17,082
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	140,540
...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	38	754,368

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

Name of Company	Name of Mine	ELECTRICAL				
		Jeffrey	Morgan-Gardner	Goodman	Sullivan	Ingersoll-Rand
TUCKER COUNTY						
Davis Coal & Coke Co.	No. 23	...	...	1	...	...
Davis Coal & Coke Co.	No. 25	...	...	...	...	...
Davis Coal & Coke Co.	No. 40	...	...	...	...	...
Total		...	...	1	...	...
UPSHUR COUNTY						
Buckhannon River Coal & Coke Co.	Florence No. 2	...	...	...	2	...
Red Rock Fuel Co.	Red Rock	4	...	...	3	...
Total		4	...	...	5	...
WAYNE COUNTY						
East Lynn Coal Co.	East Lynn	...	4	...	...	...
Total		...	4	...	...	...

NUMBER AND KINDS OF MINING MACHINES IN USE AT THE DIFFERENT MINES IN THE STATE FOR YEAR ENDING JUNE 30, 1914.—Continued.

MACHINES					COMPRESSED AIR MACHINES										Total Number of Machines in Use	Tons of Coal Produced by Machines (Tons of 2240 lbs.)
Hess	Link Belt	Pneumelectric	Baldwin	Westinghouse	Pneumelectric	General Electric	Jeffrey	Morgan-Gardner	Whitcomb	Goodman	Ingersoll-Sargent	Sullivan	Ingersoll-Rand	Harrison		
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5.969
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	537
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8,013
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	14,519
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	21,118
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	41,414
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	62,532
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	55,060
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	55,060

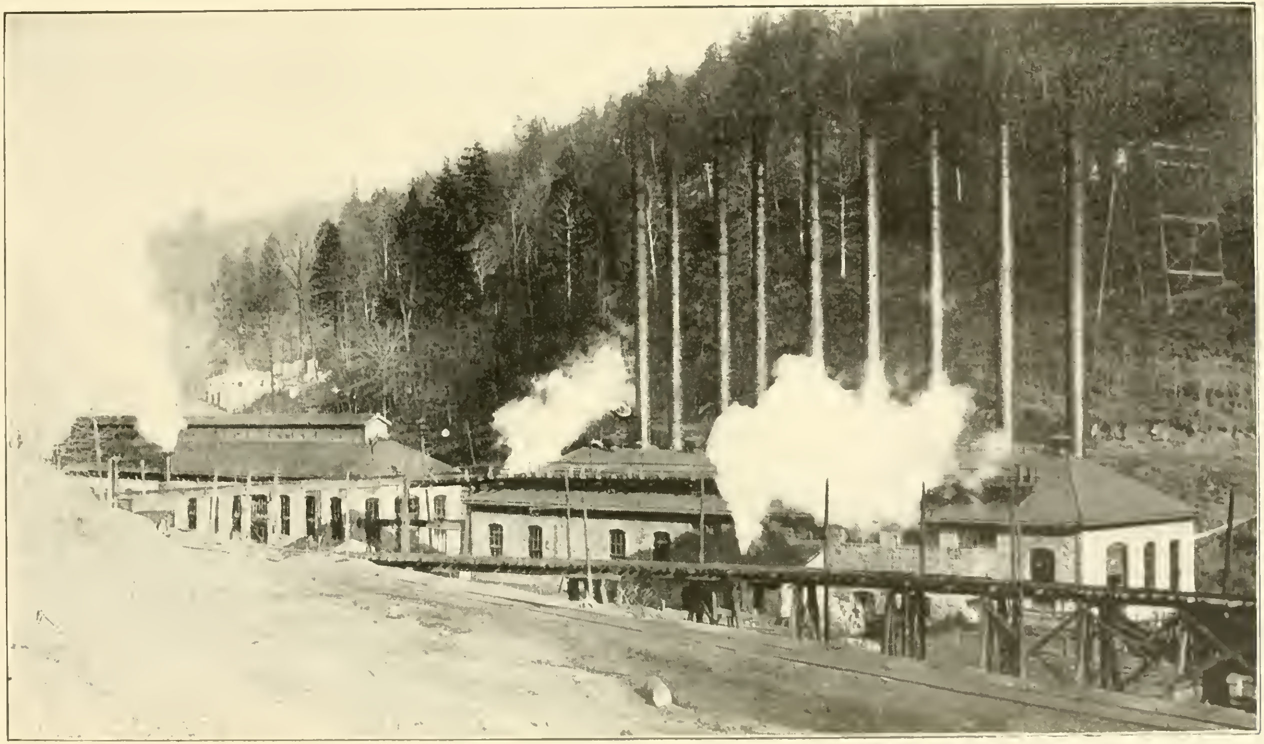
TABLE SHOWING THE COMPARATIVE STATEMENT OF THE COKE PRODUCTION FOR THE FISCAL YEARS 1914 AND 1913.

(Tons of 2,000 lbs.)

COUNTY.	1914	1913	Increase over 1913	Decrease under 1913
Barbour	25,352	16,005	9,347	....
Fayette	406,455	568,418	....	161,963
Harrison	17,649	13,107	4,542	....
Logan	1,322	....	1,322	....
Marion	57,491	116,413	....	58,922
McDowell	769,433	984,312	....	214,879
Mercer	196,650	247,396	....	50,746
Monongalia	102,728	16,005	86,723	....
Nicholas	3,967	7,322	....	3,355
Preston	165,053	226,774	....	61,721
Randolph	152,280	171,919	....	19,639
Taylor	34,100	14,301	19,799	....
Tucker	14,361	29,934	....	15,573
Upshur	10,560	10,626	....	66
Grand Total	1,957,401	2,422,532	121,733	586,864

NUMBER OF COKE OVENS NOT IN USE DURING THE FISCAL YEAR ENDING JUNE 30TH, 1914.

COUNTY.	Number of Coke Ovens *Not* in Use	Field in Which Located
Barbour	97	Upper Monongalia
Fayette	1,113	New River
Harrison	141	Upper Monongalia
Kanawha	15	Kanawha
Marion	731	Upper Monongalia
McDowell	6,473	Pocahontas
Mercer	1,368	Upper Monongalia
Monongalia	66	Upper Monongalia
Nicholas	38	New River
Preston	493	Upper Monongalia
Randolph	139	Upper Monongalia
Tucker	563	Upper Potomac
Upshur	20	Upper Monongalia
Grand Total	11,257	



Central Power Plant
United States Coal & Coke Co.

PRODUCTION OF COKE BY COUNTIES FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY	Number of Coke Plants	Total Tons of Coal Used in (Tons of 2,000 lbs.)	Total Tons of Coke Produced (Tons of 2,000 lbs.)	Percentage of Yield	Total Number of Ovens Reported	Total Number of Ovens Reported Not in Use	Average Number of Coke Ovens Operated During the Year		Average Number of Days Ovens Operated	Number of Men Employed
							in County	per Plant		
Barbour	3	37,206	25,352	68.40	161	97	64	32	249	12
Fayette	17	666,334	406,455	61.00	2,222	1,113	1,109	92	279	418
Harrison	4	26,548	17,649	66.47	180	141	39	39	276	15
Kanawha	1	....	....	.....	15	15	.....	...	...	.....
Logan	1	2,695	1,322	49.05	.....	.....	...	...	.....	4
Marion	10	96,600	57,491	59.05	960	731	229	76	202	43
McDowell	39	1,240,385	769,433	62.03	9,055	6,473	2,582	92	240	315
Mercer	11	343,664	196,650	57.51	2,020	1,368	652	73	272	247
Monongalia	4	169,856	102.728	60.48	280	66	214	107	245	45
Nicholas	1	6,392	3,967	62.06	50	38	12	12	280	2
Preston	7	282,789	165,053	58.29	1,137	493	744	161	307	99
Randolph	3	217.625	152,280	69.09	420	139	281	140	265	67
Taylor	1	127,312	34,100	26.79	30	.....	...	30	300	8
Tucker	4	24,125	14,361	59.52	593	563	30	30	171	13
Upshur	1	14,784	10,560	71.42	36	20	16	16	197	12
Total	107	3,256,315	1,957,401	60.11	17,159	11,257	5,972	69	253	1,300

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	Tons of Coal Used in Ovens (2,240 lbs.)	Tons of Coke Produced (Tons of 2,000 lbs.)	Number of Coke Ovens Reported	Average Number of Ovens Used per Plant	Average Number of Days Ovens Were Operated	Number of Ovens Not in Use
BARBOUR COUNTY							
Davis Colliery Co.	Junior No. 4	20,043	15,708	51	39	244	12
Gage Coal & Coke Co.	Sara	13,177	9,644	60	25	251	35
Sandridge, Lee J., Coal Co.	Meriden No. 1	....	....	50	......	......	50
Total		33,220	25,352	161	32	249	97
FAYETTE COUNTY							
Babcock Coal & Coke Co.	Nos. 3 & 4	34,397	21,325	......	......	......	......
Branch Coal & Coke Co.	Elverton	23,219	15,604	58	58	278	......
Columbus Iron & Steel Co.	No. 1	55,779	36,546	84	84	270	......
Fire Creek Coal & Coke Co.	Buffalo	19,845	13,335	96	70	264	26
Gauley Mountain Coal Co., The	Scotia & Turkey Creek	38,908	24,634	152	75	300	77
Greenwood Coal & Coke Co.	Greenwood	....	....	45	......	......	45
Low Moor Iron Co. of Virginia	No. 1	64,400	41,103	140	110	260	30
Loup Creek Colliery Co.	No. 2	....	....	505	......	......	505
Mount Carbon Co., Ltd.	Vulcan	40,668	26,431	202	100	350	102
Nuttallburg Smokeless Fuel Co.	Nuttallburg	11,890	7,074	50	39	280	11
Paint Creek Collieries Co.	Hickory Camp	845	....	......	......	......	......
Scotia Coal & Coke Co.	Brooklyn	....	....	63	......	......	63
Scotia Coal & Coke Co.	Rush Run & Once More	....	....	94	......	......	94
Stone Cliff Coal & Coke Co.	Stone Cliff	....	....	50	......	......	50
Sunday Creek Co.	No. 111	58,674	40,326	102	90	312	12
Sunday Creek Co.	No. 112	94,289	67,985	200	175	224	25
Sunday Creek Co.	No. 114	71,753	53,313	115	108	234	7
Sunday Creek Co.	Nos. 115 & 116	37,560	26,879	166	100	277	66
Turkey Knob Coal & Coke Co.	Turkey Knob	42,723	31,900	100	100	300	......
Total		594,941	406,455	2,222	92	279	1,113
HARRISON COUNTY							
Clarksburg Gas Coal Co.	McWhorter	....	....	20	......	......	20
Consolidation Coal Co., The	No. 21	23,704	17,649	80	39	276	41

Consolidation Coal Co., The	No. 49			60			60	
Hutchinson Coal Co.	Hutchinson			20			20	
Total		23,704	17,649	180	39	276	141	
KANAWHA COUNTY								
Hackett Coal Co.	No. 1			15			15	
Total				15			15	
LOGAN COUNTY								
Logan Mining Co.	Earling	2,406	1,322					
Total		2,406	1,322					
MARION COUNTY								
Consolidation Coal Co.	No. 22	14,556						Coke reported at No. 43 mine
Consolidation Coal Co., The	No. 24			158			158	
Consolidation Coal Co., The	No. 26			94			94	
Consolidation Coal Co., The	No. 43	59,234	51,690	170	105	330	65	
Consolidation Coal Co., The	No. 45			96			96	
Consolidation Coal Co., The	No. 56			89			89	
Consolidation Coal Co., The	No. 63	3,159		99			99	Coke reported at No. 43 mine
Consolidation Coal Co., The	No. 68			12			12	
Federal Coal & Coke Co.	Federal			60			60	
Jamison Coal & Coke Co.	No. 8	516	309	115	104	1	11	
Virginia & Pittsburgh Coal & Coke Co.	Kingmont	8,785	5,492	67	20	275	47	
Total		86,250	57,491	960	76	202	731	
McDOWELL COUNTY								
Algoma Coal & Coke Co.	Piney & Stone Bank	5,160	3,426	225	50	77	175	
Arlington Coal & Coke Co.	Arlington	42,655	26,669	158	105	276	53	
Ashland Coal & Coke Co.	Ashland & Monitor	20,326	13,541	410	100	220	310	
Bottom Creek Coal & Coke Co.	No. 1	25,073	17,323	220	51	232	169	
Crozer Coal & Coke Co.	Nos. 1 & 2	55,298	34,471	200	85	365	115	
Elkhorn Coal & Coke Co.	Elkhorn	33,908	29,833	170	60	365	110	
Elk Ridge Coal & Coke Co.	Elk Ridge	24,385	24,385	200	50	248	150	
Empire Coal & Coke Co.	Empire	29,728	20,809	250	92	365	158	
Eureka Coal & Coke Co.	Eureka	26,113	16,321	200	54	313	146	
Gilliam Coal & Coke Co.	Gilliam	35,936	22,460	217	85	240	132	
Greenbrier Coal & Coke Co.	Greenbrier	16,204	10,613	200	50	115	150	
Houston Coal & Coke Co.	Nos. 1 & 2	96,645	67,654	230	208	349	22	
Houston Collieries Co.	Hüger	43,950	30,764	150	80	365	70	
Indian Ridge Coal & Coke Co.	Indian Ridge	11,860	10,782	200	80	192	120	
Keystone Coal & Coke Co.	Keystone	42,640	29,498	120	120	201		

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	Tons of Coal Used in Ovens (2,240 lbs.)	Tons of Coke Produced (Tons of 2,000 lbs.)	Number of Coke Ovens Reported	Average Number of Ovens Used per Plant	Average Number of Days Ovens Were Operated	Number of Ovens Not in Use
Lynchburg Coal & Coke Co.	Lynchburg	35,863	22,415	213	65	313	148
McDowell Coal & Coke Co.	McDowell	27,948	18,631	100	75	300	25
New River & Poca. Cons. Coal Co.	Berwind No. 1	32,427	? 56,081	200	175	310	25
Page Coal & Coke Co.	Nos. 1, 2 & 3	80,668	59,417	470	157	310	313
Peerless Coal & Coke Co.	Nos. 1 & 2	28,787	17,967	254	75	216	179
Pocahontas Cons. Collieries Co.	Angle	39,279	24,550	192	75	135	117
Pocahontas Cons. Collieries Co.	Cherokee			128			128
Pocahontas Cons. Collieries Co.	Delta			120			120
Pocahontas Cons. Collieries Co.	Lick Branch	21,485	13,430	158	75	70	83
Pocahontas Cons. Collieries Co.	Norfolk	44,302	27,564	322	100	140	222
Pocahontas Cons. Collieries Co.	Rolfe			100			100
Pocahontas Cons. Collieries Co.	Shamokin	16,304	10,190	389	75	75	314
Powhatan Coal & Coke Co.	East & West	51,200	32,000	225	50	230	175
Pulaski Iron Co.	Nos. 1, 2 & 3	142,075	88,797	260	260	313	
Roanoke Coal & Coke Co.	Roanoke	12,755	8,519	135	65	156	70
Shawnee Coal & Coke Co.	Shawnee	25,551	15,969	188	65	240	123
Tidewater Coal & Coke Co.	Tidewater			300			300
Turkey Gap Coal & Coke Co.	Turkey Gap	292	182				
Upland Coal & Coke Co.	Upland	38,670	24,172			313	
U. S. Coal & Coke Co.	No. 2			710			710
U. S. Coal & Coke Co.	No. 3			300			300
U. S. Coal & Coke Co.	No. 4			209			209
U. S. Coal & Coke Co.	No. 5			102			102
U. S. Coal & Coke Co.	No. 6			308			308
U. S. Coal & Coke Co.	No. 7			350			350
U. S. Coal & Coke Co.	No. 8			172			172
Total		1,107,487	769,433	9,681	92	240	6,473
MERCER COUNTY							
American Coal Co.	Crane Creek	58,523	36,038	200	110	300	90
American Coal Co.	Pinnacle	41,202	25,286	200	100	300	100

ORDER IN PRODUCTION OF COKE BY COUNTIES 1897 TO JUNE 30TH, 1914.

COUNTY.	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914
Barbour	..	11	9	11	8	11	11	9	10	9	9	9	9	9	9	11	9	9
Fayette	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Harrison	..	10	10	9	10	10	7	11	..	10	10	12	11	12	..	..	11	10
Kanawha	6	7	8	7	6	7	10	10	9	9	11	10	..	10	10	..	..	..
Logan	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	14
Marion	4	5	4	3	5	4	4	5	6	6	6	7	8	8	8	6	6	7
McDowell	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mercer	5	4	3	5	4	5	5	4	3	3	3	3	3	3	3	4	3	3
Monongalia	9	9	11	8	11	8	9	8	8	8	8	8	6	7	5	7	7	6
Nicholas	..	..	..	..	..	..	..	..	..	..	..	..	..	13	12	10	13	13
Preston	7	6	6	6	9	9	8	7	7	7	7	5	4	4	4	3	4	4
Raleigh	8	8	7	10	..	..	..	..	..	..	..	13	..	..	..	..	..	..
Randolph	..	..	...	12	7	6	6	6	5	5	5	6	5	5	6	5	5	5
Taylor	..	..	..	..	..	..	..	..	..	..	13	..	10	11	11	9	10	8
Tucker	3	3	5	4	3	3	3	3	4	4	4	4	7	6	7	8	8	11
Upshur	..	..	..	..	..	..	..	..	..	..	12	11	..	..	..	..	12	12

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Number of Coke Ovens *Not* in Use
BARBOUR COUNTY.		
Davis Colliery Co.	Junior No. 4	12
Gage Coal & Coke Co.	Sara	35
Sandridge, Lee J., Coal Co.	Meriden No. 1	50
Total		97
FAYETTE COUNTY.		
Fire Creek Coal & Coke Co.	Buffalo	26
Gauley Mountain Coal Co., The	Scotia and Turkey Knob	77
Greenwood Coal & Coke Co.	Greenwood	45
Low Moor Iron Co. of Va., The	Kaymoor No. 1	30
Loup Creek Colliery Co.	No. 2	505
Mount Carbon Co. Ltd., The	Vulcan	102
Nuttallburg Smokeless Fuel Co.	Nuttallburg	11
Scotia Coal & Coke Co.	Brooklyn	63
Scotia Coal & Coke Co.	Rush Run and Once More	94
Stone Cliff Coal & Coke Co.	Stone Cliff	50
Sunday Creek Co.	No. 111	12
Sunday Creek Co.	No. 112	25
Sunday Creek Co.	No. 114	7
Sunday Creek Co.	Nos. 115 & 116	66
Total		1,113
HARRISON COUNTY.		
Clarksburg Gas Coal Co.	McWhorter	20
Consolidation Coal Co., The	No. 21	41
Consolidation Coal Co., The	No. 49	60
Hutchinson Coal Co.	Hutchinson	20
Total		141
KANAWHA COUNTY.		
Hackett Coal Co.	No. 1	15
Total		15
MARION COUNTY.		
Consolidation Coal Co., The	No. 24	158
Consolidation Coal Co., The	No. 26	94
Consolidation Coal Co., The	No. 43	65
Consolidation Coal Co., The	No. 45	96
Consolidation Coal Co., The	No. 56	89
Consolidation Coal Co., The	No. 63	99
Consolidation Coal Co., The	No. 68	12
Federal Coal & Coke Co.	Federal	60
Jamison Coal & Coke Co.	No. 8	11
Virginia & Pittsburg Coal & Coke Co.	Kingmont	47
Total		731
McDOWELL COUNTY.		
Algoma Coal & Coke Co.	Piney and Stone Bank	175
Arlington Coal & Coke Co.	Arlington	53
Ashland Coal & Coke Co.	Ashland and Monitor	310
Bottom Creek Coal & Coke Co.	No. 1	169
Crozer Coal & Coke Co.	Nos. 1 & 2	115
Elkhorn Coal & Coke Co.	Elkhorn	110
Elk Ridge Coal & Coke Co.	Elk Ridge	150
Empire Coal & Coke Co., The	Empire	158
Eureka Coal & Coke Co.	Eureka	146
Gilliam Coal & Coke Co.	Gilliam	132
Greenbrier Coal & Coke Co.	Greenbrier	150
Houston Coal & Coke Co.	Nos. 1 & 2	22
Houston Collieries Co.	Huger	70
Indian Ridge Coal & Coke Co.	Indian Ridge	120
Lynchburg Coal & Coke Co.	Lynchburg	148
McDowell Coal & Coke Co.	McDowell	25
New River & Poca Cons. Coal Co.	Berwind No. 1	25
Page Coal & Coke Co.	Nos: 1, 2 & 3	313

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Number of Coke Ovens *Not* in Use
Peerless Coal & Coke Co	Peerless Nos. 1 & 2	179
Pocahontas Cons. Collieries Co., Inc.	Angle	117
Pocahontas Cons. Collieries Co., Inc.	Cherokee	128
Pocahontas Cons. Collieries Co., Inc.	Delta	120
Pocahontas Cons. Collieries Co., Inc.	Lick Branch	83
Pocahontas Cons. Collieries Co., Inc.	Norfolk	222
Pocahontas Cons. Collieries Co., Inc.	Rolfe	100
Pocahontas Cons. Collieries Co., Inc.	Shamokin	314
Powhatan Coal & Coke Co	East and West	175
Roanoke Coal & Coke Co	Roanoke	70
Shawnee Coal & Coke Co	Shawnee	123
Tidewater Coal & Coke Co	Tidewater	300
U. S. Coal & Coke Co	No. 2	710
U. S. Coal & Coke Co	No. 3	300
U. S. Coal & Coke Co	No. 4	209
U. S. Coal & Coke Co	No. 5	102
U. S. Coal & Coke Co	No. 6	308
U. S. Coal & Coke Co	No. 7	350
U. S. Coal & Coke Co	No. 8	172
Total		6,473
MERCER COUNTY.		
American Coal Co	Crane Creek	90
American Coal Co	Pinnacle	100
Booth-Bowen Coal & Coke Co	Booth-Bowen	147
Buckeye Coal & Coke Co	Buckeye	42
Crystal Coal & Coke Co	No. 1	40
Louisville Coal & Coke Co	Louisville No. 2, Klondike No. 3 and Goodwill	175
Mill Creek Coal & Coke Co	Coaldale	95
Mill Creek Coal & Coke Co	East, West, West Fork and Tug River	145
Poca Cons. Colls Co., Inc	Caswell Creek, Hemlock and Elkhorn	231
Poca Cons. Colls Co., Inc	Sagamore Nos. 1 & 2	280
Thomas Coal Co., The	No. 1	23
Total		1,368
MONONGALIA COUNTY.		
Consolidation Coal Co., The	No. 30	46
Connellsville Coal & Coke Co	Opekiska	20
Total		66
NICHOLAS COUNTY.		
Saxman Coal & Coke Co	Saxman Nos. 1, 2 & 3	38
Total		38
PRESTON COUNTY.		
Austen Coal & Coke Co., The	Nos. 1 & 2	63
Elkins Coal & Coke Co	No. 2	180
Elkins Coal & Coke Co	No. 6	80
Gorman Coal & Coke Co	Nos. 2, 3 & 4	40
Hiorra Coke Co	Vulcan	100
Preston Coke Co	Cascade Nos. 1, 2 & 3	30
Total		493
RANDOLPH COUNTY.		
Davis Coal & Coke Co	No. 2	85
Davis Colliery Co	Coalton Nos. 1 & 3	49
Davis Colliery Co	Harding Nos. 1, 3 & 5	5
Total		139

NUMBER OF COKE OVENS NOT IN USE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Number of Coke Ovens *Not* in Use
TUCKER COUNTY.		
Cumberland Coal Co.	Douglas No. 1	105
Davis Coal & Coke Co.	No. 35	59
Davis Coal & Coke Co.	No. 36	147
Davis Coal & Coke Co.	No. 37	252
Total		563
UPSHUR COUNTY.		
Buckhannon River Coal & Coke Co.	Florence No. 2	20
Total		20

BRAXTON COUNTY														
Copen Creek Coal Co., The	Vanwith	30	....	....	4	34	4	....	4	38	196	....	....	4
Davis Colliery Co	Bower No. 10	49	35	12	20	116	16	....	16	132	237	....	....	12
Davis Colliery Co	Copen No. 11	40	....	....	10	50	6	....	6	56	194	....	....	7
Gilmer Consolidated Coal Co	Braxton	....	21	....	5	26	1	....	1	27	200	....	....	3
Total		119	56	12	39	226	27	....	27	253	207	....	....	26
BROOKE COUNTY														
LaBelle Iron Works	LaBelle	8	90	14	50	162	10	....	10	172	293	....	....	....
Richland Block Coal Co	Beech Bottom	30	96	12	37	175	25	....	25	200	287	....	....	3
West Va.-Pittsburgh Coal Co	Gilchrist No. 3	....	44	6	8	58	12	....	12	70	274	....	....	4
West Va.-Pittsburgh Coal Co	Locust Grove No. 1	40	100	22	30	192	50	....	50	242	200	....	....	11
West Va.-Pittsburgh Coal Co	LaBelle No. 4	3	85	12	15	115	15	....	15	130	275	....	....	7
Total		81	415	66	140	702	112	....	112	814	264	....	....	25
CLAY COUNTY														
Elliott Splint Coal Co	York	....	51	4	....	55	20	....	20	75	150	....	....	4
Elk Manor Coal Co	Dorfee	....	35	8	10	53	8	....	8	61	200	....	....	5
Elk River Coal & Lumber Co	Rich Run	....	118	16	32	166	32	....	32	198	298	....	....	3
Queen Shoals Coal Co	Burnzwell	30	....	....	6	36	10	....	10	46	240	....	....	6
Total		30	204	28	48	310	70	....	70	380	222	....	....	18
FAYETTE COUNTY														
Ajax Coal & Coke Co	No. 1	40	....	....	12	52	7	....	7	59	260	....	....	12
Alaska Coal & Coke Co	Alaska	12	....	....	4	16	4	....	4	20	251	....	....	3
Babcock Coal & Coke Co	Nos. 3 & 4	55	8	4	20	87	22	40	62	149	258	....	?	11
Ballinger Coal Co	No. 1	53	....	....	11	64	7	....	7	71	217	....	....	8
Beechwood Coal & Coke Co	No. 1	60	....	....	15	75	7	....	7	82	257	....	....	10
Beechwood Coal & Coke Co	No. 2	40	....	....	8	48	4	....	4	52	257	....	....	10
Beury Bros. Coal & Coke Co	Echo	35	....	....	10	45	7	....	7	52	275	....	....	10
Big Bend Coal Co	Big Bend	22	....	....	4	26	4	....	4	30	300	....	....	4
Blume, G. M	Fayette	10	30	4	2	46	4	....	4	50	196	....	....	3
Blume Coal & Coke Co	Blume	20	20	10	20	70	6	....	6	76	270	....	....	15
Boomer Coal & Coke Co	No. 1	42	25	2	28	97	5	....	5	102	82	....	....	6
Boomer Coal & Coke Co	No. 2 North	105	65	10	66	246	40	....	40	286	192	....	....	20
Boomer Coal & Coke Co	No. 2 South	14	71	10	34	129	22	....	22	151	188	....	....	16
Boomer Coal & Coke Co	No. 3	62	18	2	32	114	22	....	22	136	189	....	....	12
Boomer Coal & Coke Co	No. 4	....	136	16	36	188	18	....	18	206	125	....	....	17
Boomer Coal & Coke Co	No. 5	....	41	6	14	61	10	....	10	71	150	....	....	5
Branch Coal & Coke Co	Elverton	45	....	....	15	60	13	15	28	88	278	278	58	8
Brown Coal Co	Brown	48	30	10	19	107	9	....	9	116	226	....	....	12
Cannelton Coal & Coke Co	No. 2	10	210	22	100	342	28	....	28	370	206	....	....	27
Cannelton Coal & Coke Co	No. 3	....	21	2	8	31	2	....	2	33	70	....	....	....
Cannelton Coal & Coke Co	No. 4	....	65	6	28	99	4	....	4	103	219	....	....	4
Christian Colliery Co	Eagle	....	35	6	21	62	13	....	13	75	198	....	....	....

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Christian Colliery Co.	Powelton	.....	15	4	6	25	3	....	3	28	204	....	....	.....
Collins Colliery Co.	Nos. 1, 2, 3 & 4	40	25	10	34	109	22	....	22	131	216	....	....	30
Columbus Iron & Steel Co., The	No. 1	24	64	14	40	142	12	15	27	169	245	270	84	12
Deitz Colliery Co.	Nos. 2 & 5	.....	84	.....	15	99	16	....	16	115	232	....	....	13
Dun Glen Coal Co.	Dun Glen	14	.....	.....	8	22	4	....	4	26	261	....	....	5
Dunn Loop Coal & Coke Co.	Dun Loop	161	12	4	78	255	31	....	31	286	234	....	....	40
Elmo Mining Co., The	Elmo	15	19	6	11	51	4	....	4	55	264	....	....	5
Ephraim Creek Coal & Coke Co.	Buffalo & Slater	85	20	8	48	161	38	....	38	199	237	....	....	4
Eureka Coal Co., The	No. 2	20	.....	.....	8	28	6	....	6	34	164	....	....	3
Evans & Sons	Great Kanawha	10	.....	.....	3	13	3	....	3	16	287	....	....	2
Export Coal Co.	Export	30	.....	.....	8	38	7	....	7	45	231	....	....	6
Fire Creek Coal & Coke Co.	Buffalo	40	5	.....	14	59	11	27	38	97	253	264	70	7
Fort Defiance Coal & Coke Co.	Ft. Defiance	14	32	8	20	74	6	....	6	80	217	....	....	12
Gauley Mountain Coal Co., The	Buck Run	.....	20	4	13	37	14	....	14	51	250	....	....	.....
Gauley Mountain Coal Co., The	Scotia & Turkey Creek	55	65	35	60	215	45	30	75	290	300	300	75	22
Glendale Colliery Co.	Buck Lick	30	.....	.....	2	32	6	....	6	38	227	....	....	4
Greenwood Coal Co.	Greenwood	78	5	2	21	106	36	....	36	142	210	....	....	7
Harvey Coal & Coke Co.	Harvey	53	35	12	50	150	22	....	22	172	239	....	....	28
Hemlock Hollow Coal & Coke Co.	Hemlock	28	20	6	9	63	8	....	8	71	224	....	....	1
Holliday Coal Co.	Keeney's Creek	35	.....	.....	12	47	8	....	8	55	260	....	....	8
Johnson, W. R., Coal Co.	Crescent	10	.....	.....	3	13	2	....	2	15	200	....	....	2
Johnson, W. R., Coal Co.	Oakland	60	25	4	40	129	11	....	11	140	220	....	....	13
Keeney's Creek Colliery Co.	Boone	23	12	2	14	51	8	....	8	59	252	....	....	10
Keeney's Creek Colliery Co.	Smokeless	18	30	4	10	62	14	....	14	76	264	....	....	10
Laura Mining Co.	Laura	19	.....	.....	4	23	3	....	3	26	175	....	....	7
Laurel Creek Coal Co.	Laurel	40	.....	2	15	57	6	....	6	63	214	....	....	5
Long Branch Coal Co.	No. 2	80	.....	.....	20	100	25	....	25	125	279	....	....	13
Lookout Coal & Coke Co.	Lookout	.....	20	12	8	40	6	....	6	46	260	....	....	6
Low Moor Iron Co. of Va., The	Kaymoor No. 1	90	15	10	35	150	25	30	55	205	300	260	110	18

Low Moor Iron Co. of Va., The..	Kaymoor No. 2	34	16	4	2	56	7	....	7	63	275	....	....	7
Loup Creek Colliery Co.........	No. 2	182	20	25	92	319	53	....	53	372	271	....	....	10
Lynchburg Colliery Co..........	Nos. 2 & 5	95	.....	.....	25	120	20	....	20	140	205	....	....	20
Macdonald Colliery Co..........	Macdonald	34	.....	2	27	63	20	4	24	87	262	....	....	22
McKell Coal & Coke Co..........	Derryhale	35	.....	2	21	58	8	....	8	66	225	....	....	12
McKell Coal & Coke Co..........	Kilsyth	111	38	14	65	228	23	....	23	251	214	....	....	35
M. B. Coal & Coke Co...........	Columbia No. 5	6	20	4	12	42	6	....	6	48	198	....	....	14
M. B. Coal & Coke Co...........	Elk Ridge No. 1	4	40	6	18	68	7	....	7	75	204	....	....	8
M. B. Coal & Coke Co...........	Elk Ridge No. 2	4	45	6	18	73	12	....	12	85	202	....	....	7
M. B. Coal & Coke Co...........	Kimberly No. 3	.....	35	6	14	55	5	....	5	60	210	....	....	4
Meadow Fork Coal Co...........	Meadow Fork	32	.....	.....	10	42	6	....	6	48	242	....	....	8
Mecca Colliery Co..............	Diamond	11	32	8	20	71	13	....	13	84	163	....	....	14
Mecca Colliery Co..............	Edgewater	2	23	6	15	46	10	....	10	56	159	....	....	7
Mecca Colliery Co..............	Gas	12	14	6	9	41	8	....	8	49	114	....	....	8
Mecca Colliery Co..............	Splint	29	.....	.....	12	41	11	....	11	52	120	....	....	5
Michigan Coal Co...............	Michigan	19	.....	.....	9	28	10	....	10	38	275	....	....	9
Milburn Coal Co................	No. 1	.....	50	4	18	72	14	....	14	86	138	....	....	.....
Midvale Colliery Co............	Midvale	55	.....	.....	25	80	30	....	30	110	200	....	....	12
Mill Creek Colliery Co.........	Mill Creek	.....	35	12	25	72	.....	....	.....	72	250	....	....	15
Mount Carbon Co., Ltd..........	Vulcan	52	11	2	22	87	16	32	48	135	247	....	....	16
Mount Hope Coal & Coke Co....	Baby	36	.....	.....	16	52	8	....	8	60	264	....	....	9
Newlyn Coal Co.................	Newlyn	20	.....	.....	6	26	2	....	2	28	285	....	....	6
New River Collieries Co., The....	Sun Nos. 1 & 2	123	33	10	87	253	80	....	80	333	259	....	....	35
New River & Poca. Cons. Coal Co.	Layland	290	.....	.....	66	356	61	....	61	417	285	....	....	.....
New River & Poca. Cons. Coal Co.	Minden No. 2	38	63	10	53	164	12	....	12	176	275	....	....	.....
New River & Poca. Cons. Coal Co.	Minden No. 3	99	76	14	79	268	21	....	21	289	279	....	....	.....
New River & Poca. Cons. Coal Co.	Minden No. 4	62	66	12	67	207	25	....	25	232	282	....	....	2
New River & Poca. Cons. Coal Co.	Minden No. 5	32	72	12	60	176	16	....	16	192	279	....	....	.....
Nichol Colliery Co.............	Nichol	10	25	4	18	57	5	....	5	62	232	....	....	.....
Nuttallburg Smokeless Fuel Co...	Nuttallburg	15	25	8	13	61	11	9	20	81	253	280	39	9
Paint Creek Collieries Co.......	Hickory Camp	.....	10	2	6	18	4	....	4	22	107	....	....	.....
Prudence Coal Co..............	Prudence	90	11	4	31	136	16	....	16	152	235	....	....	32
Quinnimont Coal Co............	Big Q	41	9	1	21	72	7	....	7	79	241	....	....	8
Ridgeview Coal Co..............	Ridgeview	18	.....	.....	3	21	3	....	3	24	184	....	....	2
River Valley Colliery Co........	Bachman	.....	24	10	8	42	4	....	4	46	270	....	....	6
Rock Lick Coal Co..............	No. 1	70	30	15	14	129	.....	....	.....	129	278	....	....	9
Rock Lick Coal Co..............	No. 2	9	.....	.....	1	10	.....	....	.....	10	286	....	....	4
Rothwell Coal Co...............	Dubree	16	16	2	11	45	9	....	9	54	260	....	....	5
Scotia Coal & Coke Co..........	Brooklyn	40	20	.....	20	80	12	....	12	92	212	....	....	3
Scotia Coal & Coke Co..........	Red Ash	18	.....	.....	8	26	6	....	6	32	220	....	....	6
Scotia Coal & Coke Co..........	Rush Run	35	8	.....	22	65	18	....	18	83	200	....	....	4
Sewell Colliery Co.............	Sugar Camp	30	33	4	17	84	10	....	10	94	248	....	....	13
Signal Knob Coal Co............	Signal Knob	25	.....	.....	.....	25	14	....	14	39	100	....	....	13
Solvay Collieries Co............	No. 1	33	125	10	69	237	34	....	34	271	206	....	....	11
Solvay Collieries Co............	No. 2	.....	52	4	36	92	21	....	21	113	218	....	....	4
South Side Company............	South Side	42	.....	26	15	83	7	....	7	90	214	....	....	7
Star Coal & Coke Co., The......	Star	45	35	6	44	130	15	....	15	145	216	....	....	20
St. Clair Colliery Co............	St. Clair & Archer	.....	100	12	25	137	18	....	18	155	160	....	....	12

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Stone Cliff Coal & Coke Co.	Stone Cliff	30	.....	.....	8	38	6	....	6	44	260	....	....	4
Stuart Colliery Co.	Lochgelly	8	36	8	34	86	20	....	20	106	204	....	....	2
Stuart Colliery Co.	Summerlee	5	30	6	45	86	25	....	25	111	235	....	....	5
Sugar Creek Coal & Coke Co.	Nos. 1 & 2	48	.....	.....	28	76	12	....	12	88	256	....	....	16
Sunday Creek Co.	No. 111	38	47	6	42	133	17	35	52	185	220	235	90	13
Sunday Creek Co.	No. 112	28	65	10	33	136	24	60	84	220	222	224	175	.....
Sunday Creek Co.	No. 114	62	126	18	90	296	65	56	121	417	234	246	108	25
Sunday Creek Co.	Nos. 115 & 116	.....	40	6	15	61	12	33	45	106	276	128	100	7
Turkey Knob Coal Co.	Turkey Knob	90	.....	2	61	153	27	32	59	212	268	300	100	16
White Oak Fuel Co.	Carlisle & Oakwood	80	10	2	47	139	17	....	17	156	234	....	....	31
White Oak Fuel Co.	Scarbro & Wingrove	40	30	12	61	143	40	....	40	183	227	....	....	40
White Oak Fuel Co.	Whipple	40	15	8	32	95	18	....	18	113	254	....	....	14
Total		4,168	2,909	608	2,887	10,572	1,661	418	2,079	12,651	227	249	91	1,132
GILMER COUNTY														
Gilmer Consolidated Coal Co.	Brackett	.....	15	2	3	20	2	....	2	22	190	....	....	2
Gilmer Fuel Co.	Gilmer	.....	35	12	16	63	7	....	7	70	250	....	....	10
McCaa Coal Co.	McCaa	.....	8	2	6	16	7	....	7	23	169	....	....	.....
Total		.....	58	16	25	99	16	....	16	115	203	....	....	12
GRANT COUNTY														
Buffalo Creek Cumberland C. Co.	No. 1	65	.....	.....	7	72	7	....	7	79	264	....	....	5
Davis Coal & Coke Co.	Henry No. 22	17	30	10	33	90	32	....	32	122	277	....	....	7
Jordon, S. H.	Cottage Street	10	.....	.....	2	12	1	....	1	13	180	....	....	2
Total		92	30	10	42	174	40	....	40	214	240	....	....	14

Booth-Bowen Coal & Coke Co.	Booth-Bowen	25,704	16,065	177	30	175	147	
Buckeye Coal & Coke Co.	Buckeye	22,923	13,071	72	30	180	42	
Crystal Coal & Coke Co.	No. 1	44,608	26,764	140	100	365	40	
Louisville Coal & Coke Co.	Louisville, Klondike & Goodwill	11,742	7,333	225	50	236	175	
Mill Creek Coal & Coke Co.	Coaldale	15,348	11,912	140	45	290	95	
Mill Creek Coal & Coke Co.	East, West, West Fork & Tug River	31,663	23,522	215	70	300	145	
Pocahontas Cons. Collieries Co., Inc.	Caswell, Hemlock, Elkhorn	....	....	231	......	......	231	
Pocahontas Cons. Collieries Co., Inc.	Sagamore Nos. 1 & 2	17,448	10,280	280	?	211	280	
Thomas Coal Co.	No. 1	37,682	26,379	140	117	365	23	
Total		306,843	196,650	2,020	73	272	1,368	
MONONGALIA COUNTY								
Consolidation Coal Co.	No. 30	....	....	46	......	......	46	
Connellsville Coal & Coke Co.	Opekiska	....	....	20	......	......	20	
Elkins Coal & Coke Co.	No. 1	105,839	72,181	150	150	290	......	
Southern Connellsville Coke Co.	Marion No. 2	45,820	30,547	64	64	201	......	
Total		151,657	102,728	280	107	245	66	
NICHOLAS COUNTY								
Saxman Coal & Coke Co.	Nos. 1, 2 & 3	5,707	3,967	50	12	280	38	
Total		5,707	3,967	50	12	280	38	
PRESTON COUNTY								
Austen Coal & Coke Co.	No. 1	97,030	65,680	228	165	275	63	
Austen Coal & Coke Co.	No. 2	4,679	3,118	228	228	275	......	
Elkins Coal & Coke Co.	No. 2	14,034	8,228	267	87	75	180	
Elkins Coal & Coke Co.	No. 6	....	....	80	......	......	80	
Gorman Coal & Coke Co.	Nos. 2, 3 & 4	....	....	40	......	......	40	
Hiorra Coke Co.	Vulcan	....	....	100	......	......	100	
Preston County Coke Co.	Cascade Nos. 1, 2 & 3	136,747	88,027	194	164	296	30	
Total		252,490	165,053	1.137	161	307	493	
RANDOLPH COUNTY								
Davis Coal & Coke Co.	No. 2	....	....	85	......	......	85	
Davis Colliery Co.	Coalton Nos. 1 & 3	143,635	112,568	250	201	264	49	
Davis Colliery Co.	Harding Nos. 1, 3 & 5	50,672	39,712	85	80	267	5	
Total		194,307	152,280	420	140	265	139	

PRODUCTION OF COKE FOR THE YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	Tons of Coal Used in Ovens (2,240 lbs.)	Tons of Coke Produced (Tons of 2,000 lbs.)	Number of Coke Ovens Reported	Average Number of Ovens Used per Plant	Average Number of Days Ovens Were Operated	Number of Ovens Not in Use	
TAYLOR COUNTY								
Winona Coal & Coke Co.	No. 2	113,672	34,100	30	30	300		
Total		113,672	34,100	30	30	300		
TUCKER COUNTY								
Cumberland Coal Co.	Douglas No. 1	21,540	14,361	135	30	171	105	
Davis Coal & Coke Co.	No. 35			59			59	
Davis Coal & Coke Co.	No. 36			147			147	
Davis Coal & Coke Co.	No. 37			252			252	
Total		21,540	14,361	593	30	171	563	
UPSHUR COUNTY.								
Buckhannon River Coal & Coke Co.	Florence No. 2	13,200	10,560	36	16	197	20	
Total		13,200	10,560	36	16	197	20	

SUMMARY OF THE DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

COUNTY	Number of Mines Producing Coal	EMPLOYES.								Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number of Ovens in Operation Per Plant	Number of Horses and Mules Inside
		INSIDE.					OUTSIDE.						
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Sum Total				
Barbour	15	396	296	66	309	1,067	140	12	1,219	232	247	32	112
Boone	9	27	347	58	113	545	80	....	625	185	....	....	29
Braxton	8	119	56	12	39	226	23	4	253	207	....	....	26
Brooke	5	81	415	66	140	702	112	....	814	264	....	....	25
Clay	4	30	204	28	48	310	70	....	380	222	....	....	18
Fayette	130	4,168	2,909	608	2,887	10,572	1,661	418	12,651	227	249	91	1,132
Gilmer	3	....	58	16	25	99	16	....	115	203	....	....	12
Grant	3	92	30	10	42	174	40	....	214	240	....	....	14
Greenbrier	1	15	....	2	6	23	7	....	30	214	....	....	8
Harrison	71	888	1,773	463	1,326	4,453	823	15	5,288	203	195	39	574
Kanawha	100	848	3,131	625	1,800	6,404	1,056	....	7,460	193	....	....	755
Lewis	2	30	....	....	10	40	10	....	50	160	....	....	8
Lincoln	2	20	10	14	13	57	10	....	67	287	....	....	11
Logan	69	130	2,405	391	1,187	4,113	703	4	4,820	214	....	....	224
Marion	36	1,108	1,664	513	1,548	4,833	826	43	5,702	209	302	105	458
Marshall	7	12	662	74	147	895	133	....	1,028	270	....	....	32
Mason	3	42	108	18	62	230	31	....	261	194	....	....	14
McDowell	127	4,625	4,183	523	3,824	13,155	2,494	909	16,558	218	253	94	7,653
Mercer	33	1,169	575	87	847	2,678	501	247	3,426	231	264	72	375
Mineral	16	631	64	12	129	836	120	....	956	234	....	....	90
Mingo	11	128	1,089	272	872	2,361	539	....	2,900	243	....	....	270
Monongalia	8	227	35	11	71	344	39	45	428	258	245	107	20
Nicholas	6	56	36	10	35	137	23	2	162	255	280	12	5
Ohio	5	16	366	52	96	530	56	....	586	264	....	....	26
Preston	21	688	217	62	255	1,222	200	99	1,521	234	307	161	107
Putnam	8	705	6	2	255	968	216	....	1,184	214	....	....	94
Raleigh	65	2,028	981	221	1,546	4,776	868	....	5,641	229	....	....	341
Randolph	15	388	79	18	110	595	84	67	746	200	265	140	72
Taylor	12	321	497	65	162	1,045	153	8	1,206	247	300	30	83
Tucker	16	868	111	2	344	1,325	144	13	1,482	241	171	30	122
Upshur	3	16	60	60	8	100	20	12	132	189	....	....	7
Wayne	1	....	....	6	65	71	9	....	80	298	....	....	6
Wyoming	2	34	....	....	9	43	10	....	53	175	....	....	7
Total......	847	19,924	22,355	4,329	18,323	64,931	11,212	1,898	78,041	226	262	76	12,730

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES												
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total	Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
BARBOUR COUNTY														
Century Coal Co.	No. 1	47	102	17	53	219	24	....	24	243	280	....	....	17
Century Coal Co.	No. 2	42	12	4	16	74	14	....	14	88	265	....	....	6
Consolidation Coal Co., The	No. 37	20	46	24	154	244	36	....	36	280	147	....	....	29
Crawford, H. M. & Co.	Adma	8	.....	.....	2	10	1	....	1	11	45	....	....	1
Davis Coal & Coke Co.	No. 3	4	.....	.....	.....	4	.....	....	.....	4	274	....	....	1
Davis Coal & Coke Co.	Dartmoor No. 4	133	.....	.....	29	162	12	....	12	174	241	....	....	15
Davis Colliery Co.	Junior No. 4	45	.....	.....	11	56	6	7	13	69	246	244	39	9
Gage Coal & Coke Co.	Sara	15	9	2	5	31	5	5	10	41	263	251	25	2
Grafton Fuel Co.	Lillian No. 1	5	25	4	6	40	9	....	9	49	278	....	....	5
Green, W. H.	Willett & Leroy	35	.....	.....	3	38	3	....	3	41	150	....	....	3
Humphreys Coal Co.	Humphreys	.....	25	3	8	36	5	....	5	41	285	....	....	4
Laurel Creek Coal Co.	Laurel Creek	12	.....	.....	2	14	1	....	1	15	255	....	....	2
Luella Coal & Coke Co.	Luella	30	.....	.....	8	38	3	....	3	41	260	....	....	4
Sandridge, Lee J., Coal Co.	Meriden No. 1	.....	50	6	10	66	11	....	11	77	227	....	....	8
Tygarts River Coal Co.	Arden	.....	27	6	2	35	10	....	10	45	260	....	....	6
Total		396	296	66	309	1,067	140	12	152	1,219	232	247	32	112
BOONE COUNTY														
Anchor Coal Co.	No. 1	.....	63	6	20	89	9	....	9	98	159	....	....	.....
Coal River Co., The	Nos. 1 & 2	14	42	6	15	77	5	....	5	82	236	....	....	4
Hickory Ash Coal Co., The	Hickory Ash	.....	57	10	18	85	10	....	10	95	191	....	....	.....
Horse Creek Block Coal Co.	Opal No. 1	.....	10	2	3	15	6	....	6	21	80	....	....	.....
Peytona Block Coal Co.	Peytona	.....	35	8	4	47	12	....	12	59	192	....	....	7
Seng Creek Coal Co.	Seng Creek	10	30	6	15	61	16	....	16	77	261	....	....	.....
Spruce River Coal Co., The	Ramage No. 1	3	60	12	10	85	10	....	10	95	169	....	....	8
Webb Coal Mining Co.	Webb	.....	50	8	28	86	12	....	12	98	209	....	....	10
Total		27	347	58	113	545	80	....	80	625	185	....	....	29

GREENBRIER COUNTY														
Elk Lick Coal Co.	Spruce Knob	15	....	2	6	23	7	....	7	30	214	....	....	8
Total		15	....	2	6	23	7	....	7	30	214	....	....	8
HARRISON COUNTY														
Blue Ridge Coal Co.	Thompson	10	....	....	1	11	1	....	1	12	198	....	....	2
Byron Coal Co.	Althea	8	38	4	4	54	7	....	7	61	197	....	....	8
Calif Coal Co.	Calif	20	....	4	....	24	8	....	8	32	200	....	....	6
Central Fairmont Coal Co.	Snake Hill	10	33	2	3	48	5	....	5	53	210	....	....	8
Clarksburg Gas Coal Co.	McWhorter	30	....	....	9	39	4	....	4	43	280	....	....	4
Consolidation Coal Co., The	No. 21	10	48	20	36	114	28	13	41	155	195	195	39	16
Consolidation Coal Co., The	No. 23	1	11	4	12	28	3	....	3	31	147	....	....	8
Consolidation Coal Co., The	No. 25	25	78	11	48	162	33	....	33	195	198	....	....	24
Consolidation Coal Co., The	No. 27	5	17	7	11	40	10	....	10	50	204	....	....	7
Consolidation Coal Co., The	No. 29	14	24	4	27	69	17	....	17	86	175	....	....	13
Consolidation Coal Co., The	No. 32	5	89	16	45	155	35	....	35	190	203	....	....	24
Consolidation Coal Co., The	No. 33	7	11	3	8	29	7	....	7	36	120	....	....	4
Consolidation Coal Co., The	No. 35	15	36	10	23	84	18	....	18	102	150	....	....	11
Consolidation Coal Co., The	No. 39	8	26	6	22	62	14	....	14	76	142	....	....	7
Consolidation Coal Co., The	No. 40	20	50	18	35	123	20	....	20	143	157	....	....	18
Consolidation Coal Co., The	No. 42	1	32	12	20	65	15	....	15	80	154	....	....	8
Consolidation Coal Co., The	No. 44	2	20	6	10	38	6	....	6	44	262	....	....	10
Consolidation Coal Co., The	No. 48	5	21	7	11	44	10	....	10	54	206	....	....	7
Consolidation Coal Co., The	No. 49	26	25	18	47	116	41	....	41	157	158	....	....	16
Consolidation Coal Co., The	No. 50	2	30	8	24	64	18	....	18	82	176	....	....	8
Consolidation Coal Co., The	No. 51	5	35	10	65	115	17	....	17	132	117	....	....	7
Consolidation Coal Co., The	No. 52	8	33	10	25	76	16	....	16	92	170	....	....	13
Consolidation Coal Co., The	No. 54	3	19	5	16	43	11	....	11	54	150	....	....	8
Consolidation Coal Co., The	No. 55	12	51	8	32	103	13	....	13	116	240	....	....	9
Consolidation Coal Co., The	No. 58	9	19	3	15	46	11	....	11	57	156	....	....	6
Consolidation Coal Co., The	No. 60	2	18	2	14	36	5	....	5	41	188	....	....	7
Consolidation Coal Co., The	No. 62	1	17	2	10	30	5	....	5	35	211	....	....	6
Consolidation Coal Co., The	No. 64	5	25	10	25	65	12	....	12	77	258	....	....	11
Consolidation Coal Co., The	No. 65	1	23	10	58	92	17	....	17	109	124	....	....	7
Consolidation Coal Co., The	No. 66	2	22	8	24	56	14	....	14	70	131	....	....	9
Corona Coal & Coke Co.	No. 2	....	36	4	11	51	13	....	13	64	145	....	....	3
Corona Coal & Coke Co.	Harold	21	26	6	30	83	10	....	10	93	264	....	....	7
Fairmont & Balto. Coal & Coke Co.	Fairmore	15	20	4	19	58	17	....	17	75	259	....	....	8
Fayette Coal Co.	Fayette	12	20	8	4	44	3	....	3	47	260	....	....	7
Francois Coal & Coke Co.	Norwood	10	12	4	7	33	7	....	7	40	145	....	....	5
Harrison Coal Co.	Harrison	37	....	....	2	39	4	....	4	43	225	....	....	4
Harry B. Coal & Coke Co.	Pitcairn	25	45	7	31	108	15	....	15	123	280	....	....	18
Haywood Coal Mining Co.	Monroe	6	40	8	10	64	6	....	6	70	141	....	....	5
Hero Coal & Coke Co.	Hero	18	....	....	8	26	3	....	3	29	267	....	....	5
Hutchinson Coal Co.	Delta	6	22	8	13	49	11	....	11	60	208	....	....	5
Hutchinson Coal Co.	Erie	....	....	14	116	130	27	....	27	157	207	....	....	12
Hutchinson Coal Co.	Florence	11	42	8	12	73	8	....	8	81	157	....	....	6

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES Inside Pick Miners	Inside Machine Miners	Inside Machine Runners and Helpers	Inside Laborers	Inside Total	Outside Laborers	Outside Coke Workers	Outside Total	Sum Total	Average Number of Days Mines Were Operated	Average Number of Day Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
Hutchinson Coal Co.	Girard	27	35	12	18	92	19	....	19	111	164	....	....	8
Hutchinson Coal Co.	Hutchinson	10	95	18	51	174	27	....	27	201	217	....	....	15
Hutchinson Coal Co.	McCandlish	.....	94	14	43	151	32	....	32	183	220	....	....	18
Hutchinson Coal Co.	York	16	.....	.....	4	20	4	....	4	24	209	....	....	2
Hygrade Coal Co.	Page	23	.....	.....	3	26	6	....	6	32	129	....	....	2
Johnson McIntire Coal Co.	Gilbert	28	.....	.....	6	34	5	....	5	39	225	....	....	4
Lambert Run Coal Co.	Clauson	5	39	8	16	68	10	....	10	78	250	....	....	9
Madeira-Hill-Clark Coal Co.	Goff	43	.....	.....	21	64	9	....	9	73	274	....	....	14
Madeira-Hill-Clark Coal Co.	Randolph	4	75	24	40	143	22	....	22	165	271	....	....	14
Madeira-Hill-Clark Coal Co.	Waldo	40	.....	.....	19	59	15	....	15	74	266	....	....	8
Marion Gas Coal Co.	Bingamon	3	45	8	19	75	22	....	22	97	144	....	....	8
Marshall Coal Co.	Marshall	16	64	20	20	120	16	....	16	136	236	....	....	17
Monongah Fuel Co.	Gallihue	20	.....	.....	6	26	3	....	3	29	250	....	....	4
National Coal Co.	National	25	.....	.....	10	35	4	....	4	39	250	....	....	6
Orr Coal Mining Co.	Miller No. 1	12	.....	.....	3	15	.....	2	2	17	281	....	....	2
Orr Coal Mining Co.	Miller No. 2	.....	30	4	7	41	12	....	12	53	281	....	....	6
Orr Shields Coal Co.	Phoenix	.....	22	8	9	39	5	....	5	44	242	....	....	5
Overholt Coal Co.	Overholt	6	10	2	3	21	.....	....	.....	21	220	....	....	3
Righter Coal & Coke Co.	Righter	56	.....	.....	20	76	9	....	9	85	178	....	....	13
Rosebud Fuel Co.	No. 1	25	5	2	7	39	4	....	4	43	150	....	....	3
Rosebud Fuel Co.	No. 2	5	25	10	15	55	9	....	9	64	200	....	....	8
Templeton Coal Co.	Nos. 1 & 2	48	.....	.....	5	53	4	....	4	57	232	....	....	4
Vincent Coal Co.	Grasselli	30	.....	.....	12	42	15	....	15	57	235	....	....	4
Va.-Maryland Coal Corp.	Willard Nos. 1, 2 & 3	10	89	30	22	151	18	....	18	169	235	....	....	15
Winchester Coal Co.	Winchester	3	31	4	7	45	5	....	5	50	213	....	....	5
Total		888	1,773	463	1,326	4,450	823	15	835	5,288	203	195	39	574

KANAWHA COUNTY														
Belmont Coal Co.	Belmont	....	53	8	38	99	18	....	18	117	220	....	....	13
Blue Creek Coal & Land Co.	Blakeley No. 4	22	25	6	17	79	30	....	30	100	184	....	....	8
Blue Creek Coal & Land Co.	Will's Hollow No. 2	1	30	6	13	50	8	....	8	58	103	....	....	5
Cabin Creek Cons. Coal Co.	Acme	....	10	4	7	21	17	....	17	38	187	....	....	4
Cabin Creek Cons. Coal Co.	Belleclare	13	7	6	16	42	11	....	11	53	254	....	....	7
Cabin Creek Cons. Coal Co.	Black Tulip	....	30	10	18	58	6	....	6	64	209	....	....	9
Cabin Creek Cons. Coal Co.	Buckeye	....	25	10	13	18	5	....	5	53	231	....	....	8
Cabin Creek Cons. Coal Co.	Caledonia	....	6	2	3	11	4	....	4	15	190	....	....	4
Cabin Creek Cons. Coal Co.	Cherokee	9	12	8	17	46	12	....	12	58	226	....	....	7
Cabin Creek Cons. Coal Co.	Davis	27	8	10	18	63	10	....	10	73	223	....	....	9
Cabin Creek Cons. Coal Co.	Empire	....	22	6	11	39	7	....	7	46	218	....	....	6
Cabin Creek Cons. Coal Co.	Holly	8	13	19	17	48	11	....	11	59	219	....	....	10
Cabin Creek Cons. Coal Co.	Kayford	34	25	16	24	99	56	....	56	155	203	....	....	12
Cabin Creek Cons. Coal Co.	Keystone	3	....	....	4	7	3	....	3	10	40	....	....	4
Cabin Creek Cons. Coal Co.	Quarrier	12	14	8	18	52	15	....	15	67	214	....	....	8
Cabin Creek Cons. Coal Co.	Raccoon No. 1	1	19	10	20	50	5	....	5	55	192	....	....	9
Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	1	29	6	16	52	7	....	7	59	198	....	....	9
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	2	20	8	19	49	7	....	7	56	150	....	....	7
Cabin Creek Cons. Coal Co.	Red Warrior	....	....	....	3	3	....	....	....	3	1	....	....	....
Cabin Creek Cons. Coal Co.	Rose	1	19	12	12	44	9	....	9	53	203	....	....	7
Cabin Creek Cons. Coal Co.	Ruby	....	22	6	15	43	8	....	8	51	235	....	....	5
Cabin Creek Cons. Coal Co.	Shamrock	1	38	12	17	68	7	....	7	75	220	....	....	12
Cabin Creek Cons. Coal Co.	Thistle	30	2	2	11	45	5	....	5	50	187	....	....	11
Cabin Creek Cons. Coal Co.	United Gas	35	....	....	23	58	10	....	10	68	265	....	....	9
Cabin Creek Cons. Coal Co.	United Splint	1	20	10	18	49	9	....	9	58	217	....	....	9
Campbell's Creek Coal Co., The	No. 1	23	152	20	69	264	33	....	33	297	263	....	....	40
Campbell's Creek Coal Co., The	No. 3	3	42	8	28	81	11	....	11	92	226	....	....	6
Cannelton Coal & Coke Co.	No. 1	62	190	16	110	378	25	....	25	403	191	....	....	39
Carbon Coal Co.	Low Sulphur	....	22	2	6	30	3	....	3	33	196	....	....	4
Carbon Coal Co.	North	13	....	....	5	18	2	....	2	20	160	....	....	2
Carbon Coal Co.	South	25	8	2	14	49	6	....	6	55	220	....	....	5
Carbon Coal Co.	Splint	....	65	8	27	100	12	....	12	112	203	....	....	2
Chesapeake Mining Co.	No. 1	....	50	16	28	94	16	....	16	110	220	....	....	16
Chesapeake Mining Co.	Nos. 2 & 3	....	35	4	2	41	9	....	9	50	220	....	....	5
Coalburg Colliery Co.	Ronda & Belmont	....	100	16	28	144	20	....	20	164	260	....	....	9
Coalburg-Kanawha Coal Co.	No. A	....	24	4	3	31	6	....	6	37	254	....	....	4
Coalburg-Kanawha Coal Co.	No. B	....	42	8	6	56	8	....	8	64	254	....	....	8
Dry Branch Coal Co.	Belmont & Coal burg	7	70	12	18	107	14	....	14	121	280	....	....	18
East Bank Mining Co.	East Bank	15	....	....	3	18	1	....	1	19	200	....	....	1
Eureka Coal Co., The	Nos. 1, 2 & 4	....	50	6	13	69	9	....	9	78	158	....	....	4
Graham, W. W.	Graham	11	....	....	1	12	1	....	1	13	180	....	....	4
Hackett Coal Co.	No. 1	15	....	....	5	20	5	....	5	25	83	....	....	2
Hughes Creek Coal Co.	Nos. 2 & 4	....	105	22	30	157	30	....	30	187	212	....	....	22
Imperial Colliery Co.	No. 1	15	42	8	30	95	12	....	12	107	223	....	....	....
Imperial Colliery Co.	No. 3	5	44	8	33	90	16	....	16	106	225	....	....	....
Kelly's Creek Colliery Co.	No. 1	....	98	10	34	142	9	....	9	151	244	....	....	10
Kelly's Creek Colliery Co.	No. 3	....	144	14	67	225	17	....	17	242	246	....	....	22

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Lewis Coal & Coke Co.	Lewis	....	50	8	15	73	6	....	6	79	184	....	....	4
Marmet Coal Co., The	Black Band	....	40	10	20	70	9	....	9	79	251	....	....	....
Marmet Coal Co., The	Monarch	....	32	12	19	63	10	....	10	73	241	....	....	15
Marmet Coal Co., The	New Butler	....	29	8	8	45	4	....	4	49	252	....	....	15
Mill Creek Cannel Coal Co.	Villa	20	....	....	5	25	10	....	10	35	180	....	....	5
Montgomery Coal Co.	No. 1	39	6	2	14	61	19	....	19	80	131	....	....	6
Montgomery Coal Co.	No. 2	4	17	3	7	31	3	....	3	34	124	....	....	4
Morris Fork Coal Co.	Turner No. 2	....	25	6	10	41	9	....	9	50	209	....	....	8
National Bituminous C. & C. Co.	Coalburg No. 8	....	40	8	25	73	15	....	15	88	205	....	....	8
National Bituminous C. & C. Co.	No. 2	....	42	8	24	74	12	....	12	86	241	....	....	9
National Bituminous C. & C. Co.	No. 5	....	28	6	16	50	12	....	12	62	227	....	....	9
Olcott Coal & Iron Co.	No. 1	....	40	6	20	66	10	....	10	76	211	....	....	2
Olcott Coal & Iron Co.	No. 2	....	16	2	12	30	8	....	8	38	81	....	....	1
Paint Creek Collieries Co.	Banner	....	31	6	11	48	10	....	10	58	84	....	....	5
Paint Creek Collieries Co.	Grose Nos. 1 & 2	....	50	6	28	84	17	....	17	101	106	....	....	10
Paint Creek Collieries Co.	Knickerbocker	40	....	....	12	52	9	....	9	61	100	....	....	7
Paint Creek Collieries Co.	Paint Creek	....	100	12	50	162	20	....	20	182	83	....	....	3
Paint Creek Collieries Co.	Reynolds	2	60	6	57	125	25	....	25	150	120	....	....	9
Paint Creek Collieries Co.	Scranton	....	75	10	37	122	20	....	20	142	101	....	....	16
Paint Creek Collieries Co.	Wacomah	....	30	6	15	51	10	....	10	61	83	....	....	5
Penmar Mining Co.	Pen-Mar	10	....	....	....	10	2	....	2	12	100	....	....	2
Queen Shoals Coal Co.	Queen Shoals	10	....	....	2	12	2	....	2	14	250	....	....	3
Quincy Coal Co.	Nos. 1 & 2	2	35	8	12	57	10	....	10	67	187	....	....	8
Republic Coal Co.	No. 1	10	10	2	13	35	4	....	4	39	195	....	....	4
Republic Coal Co.	No. 2	25	....	....	14	39	3	....	3	42	188	....	....	5
Republic Coal Co.	No. 3	22	14	2	13	51	7	....	7	58	190	....	....	2
Republic Coal Co.	No. 5	....	24	2	13	39	4	....	4	43	202	....	....	....
Southwestern Splint Fuel Co.	Black Cat	....	26	6	8	40	8	....	8	48	216	....	....	7
Standard Kanawha Coal M'g Co.	No. 1	....	30	8	8	46	10	....	10	56	180	....	....	6

Standard Kanawha Coal M'g Co..	No. 2	....	20	6	6	32	8	....	8	40	180	....	....	3
Standard Splint & Gas Coal Co...	Standard	15	50	10	25	100	20	....	20	120	236	....	....	10
Sunday Creek Co.	No. 101	....	30	4	10	44	12	....	12	56	206	....	....	5
Sunday Creek Co.	No. 104	....	35	8	22	65	16	....	16	81	176	....	....	10
Sunday Creek Co.	No. 105	13	63	16	34	126	17	....	17	143	200	....	....	6
Sunday Creek Co.	No. 108	....	20	6	8	34	3	....	3	37	184	....	....	1
West Virginia Colliery Co.	No. 1	33	15	2	27	77	15	....	15	92	183	....	....	11
West Virginia Colliery Co.	No. 3	2	57	6	28	93	16	....	16	109	212	....	....	12
West Virginia Colliery Co.	No. 4	5	38	6	31	80	11	....	11	91	220	....	....	9
Winifrede Coal Co.	North	30	28	6	26	90	14	....	14	104	240	....	....	10
Winifrede Coal Co.	South	28	36	8	26	98	10	....	10	108	238	....	....	14
Winifrede Coal Co.	West	93	.....	.....	37	130	12	....	12	142	324	....	....	18
Wake Forest Mining Co.	Wake Forest	6	50	8	20	84	12	....	12	96	255	....	....	13
Virginia Coal Co.	Nos. 1 & 2	15	39	4	12	61	24	....	24	85	200	....	....	3
Wyatt Coal Co.	Berlin	15	34	9	22	80	14	....	14	94	175	....	....	12
Wyatt Coal Co.	Horton	14	25	7	18	64	11	....	11	75	175	....	....	15
Wyatt Coal Co.	Oakley	....	18	6	12	36	8	....	8	44	112	....	....	10
Total		866	3,119	631	1,793	6,409	1,051	....	1,056	7,460	193	....	....	755
LEWIS COUNTY														
Kroger Gas Coal Co.	Polar	30	....	....	10	40	10	....	10	50	160	....	....	8
Total		30	....	....	10	40	10	....	10	50	160	....	....	8
LINCOLN COUNTY														
Branchland Coal Co.	Branchland	20	....	10	10	40	8	....	8	48	300	....	....	8
Guyan River Coal Co.	Guyan	....	10	4	3	17	2	....	2	19	275	....	....	3
Total		20	10	14	13	57	10	....	10	67	287	....	....	11
LOGAN COUNTY														
Amherst Coal Co.	Nos. 1 & 2	....	55	6	16	77	18	....	18	95	207	....	....	5
Aracoma Coal Co.	Nos. 1 & 2	....	84	10	43	137	47	....	47	184	223	....	....	.....
Argyle Coal Co.	Yolyn	....	14	2	6	22	7	....	7	29	182	....	....	3
Avon Coal Co., The.	Avon	....	86	6	21	113	8	....	8	121	213	....	....	6
Black Hawk Colliery Co.	Black Hawk	15	....	....	2	17	3	....	3	20	250	....	....	2
Buffalo Eagle Colliery Co.	Buffalo-Eagle	....	10	2	7	19	25	....	25	44	88	....	....	.....
Coal River Coal Co.	Dobra	2	29	6	13	50	9	....	9	59	220	....	....	.....
Coal Valley Mining Co.	Sylvia	....	35	6	5	46	5	....	5	51	191	....	....	.....
Cora Coal & Coke Co.	Cora	....	53	8	37	98	10	....	10	108	250	....	....	1
Crown Coal & Coke Co., The.	Crown	....	23	4	11	38	6	....	6	44	230	....	....	6
Cub Fork Coal Co.	Cub Fork	....	20	3	10	33	8	....	8	41	110	....	....	3
Draper Coal & Coke Co.	Draper	....	35	8	9	52	9	....	9	61	210	....	....	6
Eagle Island Coal Co.	Eagle Island	....	15	4	12	31	11	....	11	42	210	....	....	.....
Ethel Coal Co., The.	Nos. 1, 1½ & 2	....	75	12	46	133	20	....	20	153	212	....	....	14
Fort Branch Coal Corporation.	Fort Branch	4	34	4	10	52	9	....	9	61	300	....	....	8
Frieze Fork Coal M'g Co., The...	Frieze Fork	....	19	2	5	26	4	....	4	30	240	....	....	.....

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		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Gay Coal & Coke Co.	Gay	....	42	9	36	87	25	....	25	112	290	....	....	16
George's Creek Coal Co., Inc.	George's Creek	....	20	2	8	30	15	....	15	45	185	....	....	4
Guyandotte Coal Co.	Kitchen	8	....	18	12	38	9	....	9	47	260	....	....	8
Huddleston Coal & Coke Co.	Huddleston	....	25	2	8	35	5	....	5	40	212	....	....	2
Johnson, E. R., Coal Mining Co.	Nos. 1 & 2	....	15	4	9	28	7	....	7	35	240	....	....	3
Kohinoor Coal & Coke Co.	Kohinoor	....	50	6	22	78	10	....	10	88	206	....	....	....
Logan Coal Co.	Logan	28	18	8	9	63	8	....	8	71	177	....	....	8
Logan Mining Co.	Earling	4	38	10	26	78	12	4	16	94	202	....	....	4
Logan Mining Co.	Manitoba	8	40	8	13	69	12	....	12	81	204	....	....	3
Logan Mining Co.	Mona	....	17	2	11	30	26	....	26	56	208	....	....	2
Logan Mining Co.	Wanda	....	35	10	14	59	12	....	12	71	206	....	....	8
Long Flame Coal Co.	Long Flame	....	30	2	18	50	12	....	12	62	203	....	....	4
Main Island Creek Coal Co.	No. 4	10	10	....	12	32	8	....	8	40	45	....	....	6
Manbar Coal Co.	Manbar	....	15	4	10	29	4	....	4	33	257	....	....	4
McGregor Coal Co.	McGregor	12	20	8	8	48	8	....	8	56	175	....	....	8
Mifflin Coal Co.	Nos. 1 & 2	....	41	10	14	65	22	....	22	87	209	....	....	4
Monitor Coal & Coke Co.	Monitor, Nos. 1 & 2, Beechwood	25	145	18	88	276	45	....	45	321	224	....	....	19
Opperman Coal Co., The	Opperman	....	40	6	25	71	10	....	10	81	298	....	....	3
Paragon Colliery Co.	No. 2	....	35	6	20	61	....	....	....	61	250	....	....	6
Rex Coal & Coke Co.	Rex	....	35	14	15	64	9	....	9	73	203	....	....	8
Rich Creek Coal Co.	Wilburn	....	15	4	7	26	6	....	6	32	106	....	....	1
Shamrock Coal Co.	Litz	....	43	6	13	62	8	....	8	70	244	....	....	5
Sovereign Coal Co.	Sovereign	....	25	4	3	32	2	....	2	34	214	....	....	4
Spruce Bend Coal Co.	Nos. 1 & 2	....	50	8	20	78	17	....	17	95	186	....	....	7
Spruce Valley Coal Co.	Spruce Valley	....	37	6	14	57	8	....	8	65	185	....	....	....
Stone Branch Coal Co.	Stone Branch	14	30	12	25	81	15	....	15	96	228	....	....	6
Summers, H. B., Coal Co.	Summers	....	20	2	4	26	4	....	4	30	230	....	....	3
Sunbeam Coal Co.	Sunbeam	....	22	4	12	38	11	....	11	49	219	....	....	....

Thomas, D. C., Coal Co.	Grace	....	30	6	5	41	4	....	4	45	208	....	....	6
U. S. Coal & Oil Co.	No. 1	....	175	18	75	268	20	....	20	288	276	....	....	2
U. S. Coal & Oil Co.	No. 2	....	140	15	70	225	20	....	20	245	269	....	....	9
U. S. Coal & Oil Co.	No. 3	....	65	10	30	105	15	....	15	120	254	....	....	....
U. S. Coal & Oil Co.	No. 4	....	80	10	45	135	15	....	15	150	264	....	....	....
U. S. Coal & Oil Co.	Nos. 5 & 6	....	60	8	24	92	15	....	15	107	256	....	....	....
U. S. Coal & Oil Co.	No. 7	....	100	12	70	182	26	....	26	208	260	....	....	....
U. S. Coal & Oil Co.	No. 8	....	98	10	55	163	24	....	24	187	255	....	....	....
U. S. Coal & Oil Co.	Nos. 9 & 10	....	45	6	15	66	6	....	6	72	265	....	....	....
Virginia Buffalo Coal Co.	Va.-Buffalo	....	20	2	8	30	5	....	5	35	182	....	....	5
Wilson, H. T., Coal Co.	Wilson	....	30	10	35	75	15	....	15	90	198	....	....	2
Yuma Coal & Coke Co., The	Yuma	....	62	8	26	96	9	....	9	105	193	....	....	....
Total		130	2,405	391	1,187	4,113	703	4	707	4,820	214	....	....	224
MARION COUNTY														
Catawba Coal Co.	Catawba	12	....	....	4	16	2	....	2	18	222	....	....	2
Consolidation Coal Co., The	No. 22	51	65	12	49	177	64	....	64	241	229	....	....	24
Consolidation Coal Co., The	No. 24	20	30	16	60	126	40	....	40	166	209	....	....	18
Consolidation Coal Co., The	No. 26	34	80	20	60	194	56	....	56	250	213	....	....	22
Consolidation Coal Co., The	No. 28	25	....	20	28	73	13	....	13	86	155	....	....	14
Consolidation Coal Co., The	No. 36	50	15	....	45	110	20	....	20	130	155	....	....	16
Consolidation Coal Co., The	No. 38	36	40	12	70	158	36	....	36	194	178	....	....	20
Consolidation Coal Co., The	No. 43	55	75	16	84	230	24	39	63	293	232	330	105	28
Consolidation Coal Co., The	No. 45	42	....	2	13	57	14	....	14	71	208	....	....	7
Consolidation Coal Co., The	No. 47	15	35	12	39	101	30	....	30	131	156	....	....	18
Consolidation Coal Co., The	No. 53	32	41	5	36	114	16	....	16	130	226	....	....	15
Consolidation Coal Co., The	No. 56	36	60	16	55	167	31	....	31	198	218	....	....	17
Consolidation Coal Co., The	No. 59	15	....	....	8	23	2	....	2	25	35	....	....	2
Consolidation Coal Co., The	No. 63	45	91	16	82	234	27	....	27	261	221	....	....	26
Consolidation Coal Co., The	No. 67	8	22	3	20	53	19	....	19	72	155	....	....	12
Consolidation Coal Co., The	No. 68	60	....	....	30	90	15	....	15	105	108	....	....	9
Consolidation Coal Co., The	No. 84	....	40	6	26	72	15	....	15	87	223	....	....	8
Dakota Coal & Coke Co., The	No. 2	....	46	10	20	76	13	....	13	89	232	....	....	11
Fairmont & Cleveland C. & C. Co.	Parker Run	30	20	14	15	79	10	....	10	89	200	....	....	12
Federal Coal & Coke Co.	Federal	30	255	70	105	460	45	....	45	505	304	....	....	16
Four States Coal & Coke Co.	Annabelle	16	291	52	176	535	63	....	63	598	198	....	....	....
Harry B. Coal Co.	Harry B. & Junior	48	....	....	14	62	5	....	5	67	275	....	....	12
Jamison Coal & Coke Co.	No. 7	25	160	75	157	417	76	....	76	493	263	....	....	41
Jamison Coal & Coke Co.	No. 8	88	120	60	133	401	79	....	79	480	277	....	....	32
Jamison Coal & Coke Co.	No. 9	15	125	54	100	294	35	....	35	329	262	....	....	23
Manley & Zeek	Manley & Zeek	6	....	....	1	7	1	....	1	8	220	....	....	1
Kilarm Coal & Coke Co.	Nos. 2 & 3	17	....	....	6	23	1	....	1	25	238	....	....	3
McCoy Coal Co.	McCoy	2	....	....	....	2	1	....	1	3	100	....	....	....
New Central Coal Co.	Stafford	16	53	22	45	136	31	....	31	167	234	....	....	12
Phillips Coal Co.	Phillips	14	....	....	2	16	4	....	4	20	148	....	....	1
Robinson Coal Co.	James	10	....	....	2	12	....	....	....	12	250	....	....	2
Va. & Pittsburgh C. & C. Co. The	Kingmont	175	....	....	53	228	29	4	33	261	275	275	....	24

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		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Va. & Pittsburgh C. & C. Co. The	Morgan	80	....	....	10	90	8	....	8	98	275	....	....	10
Total		1,108	1,664	513	1,548	4,833	826	43	868	5,702	209	302	105	458
MARSHALL COUNTY														
Ben Franklin Coal Co.	Panama	....	93	8	16	117	13	....	13	130	264	....	....	....
Glendale Coal Co.	Glendale	....	140	8	10	158	7	....	7	165	281	....	....	7
Hitchman Coal Co.	Hitchman	....	200	26	50	276	50	....	50	326	312	....	....	14
Kunz Bros & Miller	Bogg's Run	10	....	....	3	13	2	....	2	15	215	....	....	2
Mound Coal Co.	Mound	....	92	10	22	124	14	....	14	138	273	....	....	7
Parr's Run Coal Co.	Parr's Run	....	50	10	15	75	20	....	20	95	260	....	....	2
Wheeling Steel & Iron Co.	Benwood	2	87	12	31	132	27	....	27	159	286	....	....	....
Total		12	662	74	147	895	133	....	133	1,028	270	....	....	32
MASON COUNTY														
Hutchinson Coal Co.	Linden	18	58	10	40	126	14	....	14	140	208	....	....	10
Jackson Coal & Mining Co.	Jackson	20	40	6	18	84	12	....	12	96	275	....	....	3
Newton, J. M. & D. E., Co.	Hartford	4	10	2	4	20	5	....	5	25	100	....	....	1
Total		42	108	18	62	230	31	....	31	261	194	....	....	14
McDOWELL COUNTY														
Algoma Coal & Coke Co.	Piney & Stone Bank	98	70	7	25	200	48	....	48	248	222	....	....	27
Ashland Coal & Coke Co.	Ashland & Monitor	60	55	20	72	207	55	21	76	283	260	220	100	31
Arlington Coal & Coke Co.	Arlington	80	....	....	46	126	30	25	55	181	216	276	105	13
Black Wolf Coal & Coke Co.	Black Wolf	....	49	8	25	82	18	....	18	100	200	....	....	8
Bottom Creek Coal & Coke Co.	No. 1	32	45	8	99	184	37	18	55	239	157	232	51	36
Bottom Creek Coal & Coke Co.	No. 2	20	55	6	40	121	24	....	24	145	151	....	....	16

Buchanan Coal Co.	Buchanan	18	.....	.....	9	27	3	....	3	30	110	....	....	3
Carter Coal Co.	Nos. 1 East & West	10	.....	.....	2	12	4	....	4	16	220	....	....	.....
Carter Coal Co.	Nos. 2 East & West	20	.....	.....	13	33	2	....	2	35	271	....	....	.....
Carter Coal Co.	No. 6	17	101	13	48	179	23	....	23	202	238	....	....	.....
Carter Coal Co.	Nora & No. 8	.....	45	10	30	85	8	....	8	93	267	....	....	.....
Carter Coal Co.	Caretta	5	70	16	40	131	24	....	24	155	217	....	....	.....
Central West Poca. Coal Co., The	Central West	11	.....	.....	3	14	1	....	1	15	226	....	....	3
Central Poca. Coal Co.	Nos. 1 & 2	25	.....	.....	11	36	6	....	6	42	241	....	....	6
Cirrus Coal & Coke Co.	No. 2	65	.....	.....	35	100	20	....	20	120	185	....	....	10
Columbus Poca. Coal Co.	Columbus Poca.	13	.....	.....	4	17	3	....	3	20	240	....	....	2
Crozer Coal & Coke Co.	Nos. 1 & 2	130	65	4	130	329	75	70	145	474	168	365	85	27
Davy Poca. Coal Co.	No. 1	15	20	2	12	49	10	....	10	59	242	....	....	8
Davy Poca. Coal Co.	No. 2	15	.....	.....	5	20	2	....	2	22	254	....	....	.....
Dry Fork Colliery Co.	Dry Fork	.....	42	.....	20	62	16	....	16	78	209	....	....	5
Elkhorn Coal & Coke Co.	Elkhorn	95	.....	.....	72	167	36	22	58	225	199	365	60	38
Elk Ridge Coal & Coke Co.	Elk Ridge	74	.....	.....	56	130	22	23	45	175	241	248	50	18
Empire Coal & Coke Co., The	Empire	141	.....	.....	111	252	46	41	87	339	171	365	92	26
Eureka Coal & Coke Co.	Eureka	85	.....	.....	60	145	20	25	45	190	215	313	54	28
Excelsior Poca. Coal Co.	Excelsior 138	.....	90	10	18	118	21	....	21	139	299	....	....	.....
Flanagan Coal Co.	No. 1	5	20	4	9	38	5	....	5	43	216	....	....	6
Flanagan Coal Co.	No. 2	20	.....	7	6	33	.....	....	.....	33	198	....	....	4
Flat Top Coal Mining Co.	Thomas	45	.....	.....	13	58	7	....	7	65	276	....	....	7
Fortune Hunter Coal Co.	Fortune Hunter	10	.....	.....	12	22	2	....	2	24	298	....	....	4
Gilliam Coal & Coke Co.	Gilliam	75	.....	4	89	168	33	26	59	227	216	240	85	12
Greenbrier Coal & Coke Co.	Greenbrier	89	.....	.....	23	112	32	12	44	156	176	115	50	22
Hemphill Colliery Co.	Hemphill	15	9	5	2	31	4	....	4	35	251	....	....	5
Henrietta Poca. Coal Co.	Henrietta	20	.....	.....	6	26	4	....	4	30	200	....	....	.....
Houston Coal & Coke Co.	Nos. 1 & 2	150	.....	.....	35	185	30	70	100	285	271	349	208	32
Houston Collieries Co.	Huger	20	67	8	85	180	35	28	63	243	250	365	80	.....
Indian Ridge Coal & Coke Co.	Indian Ridge	50	39	4	44	128	19	15	34	162	205	192	80	12
J. B. B. Coal Co.	No. 1	54	.....	.....	22	76	11	....	11	87	244	....	....	8
J. B. B. Coal Co.	No. 2	39	8	8	18	73	2	....	2	75	241	....	....	10
J. B. B. Coal Co.	No. 3	45	.....	.....	40	85	8	....	8	93	244	....	....	13
J. B. B. Coal Co.	No. 4	50	40	24	31	145	19	....	19	164	245	....	....	19
John's Branch Coal Co.	No. 1	15	.....	.....	6	21	4	....	4	25	200	....	....	5
Keystone Coal & Coke Co.	Nos. 1 & 2	140	.....	.....	100	240	16	39	55	295	201	201	120	30
Kimball Poca. Coal Co.	Virginia	21	.....	.....	19	40	5	....	5	45	204	....	....	8
King Coal Co., The	King	145	.....	.....	94	239	82	....	82	321	180	....	....	30
Lake Superior Coal Co.	No. 1	.....	75	6	25	106	20	....	20	126	240	....	....	.....
Lake Superior Coal Co.	No. 2	15	35	4	20	74	9	....	9	83	240	....	....	.....
Lathrop Coal Co.	Lathrop	.....	54	6	40	100	20	....	20	120	200	....	....	.....
Lynchburg Coal & Coke Co.	Lynchburg	95	.....	.....	65	160	25	30	55	215	211	313	65	30
McDowell Coal & Coke Co.	McDowell	100	10	2	58	170	86	30	116	286	250	300	75	17
Mohawk Coal & Coke Co.	Mohawk	6	40	10	20	76	19	....	19	95	285	....	....	12
New Poca. Coal Co.	Pando	30	.....	.....	14	44	6	....	6	50	180	....	....	5
New River & Poca. Cons. Coal Co.	Berwind No. 1	27	23	6	28	84	23	56	79	163	310	310	175	.....
New River & Poca. Cons. Coal Co.	Berwind No. 2	30	49	6	33	118	23	....	23	141	310	....	....	.....

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
New River & Poca. Cons. Coal Co.	Berwind No. 3	20	48	12	35	115	24	....	24	139	310	....	....	....
New River & Poca. Cons. Coal Co.	Berwind No. 4	20	41	8	35	104	30	....	30	134	310	....	....	....
New River & Poca. Cons. Coal Co.	Berwind No. 5	....	56	6	39	101	30	....	30	131	310	....	....	....
New River & Poca. Cons. Coal Co.	Havaco	....	....	....	19	19	16	....	16	35	....	....	....	....
Oregon Coal Co.	Nos. 2, 3 & 4	27	20	18	23	88	34	....	34	122	234	....	....	16
Page Coal & Coke Co.	Nos. 1, 2 & 3	111	30	6	95	242	129	36	165	407	156	310	157	34
Panther Coal Co.	Panther	....	10	4	9	23	2	....	2	25	20	....	....	....
Peerless Coal & Coke Co.	Nos. 1 & 2	185	16	2	120	323	34	41	75	398	216	260	75	35
Pocahontas Cons. Colls. Co., Inc.	Angle	....	150	8	45	203	20	35	55	258	185	135	75	25
Pocahontas Cons. Colls. Co., Inc.	Cherokee	145	....	....	25	170	20	....	20	190	196	....	....	20
Pocahontas Cons. Colls. Co., Inc.	Delta	....	160	8	40	208	15	....	15	223	209	....	....	15
Pocahontas Cons. Colls. Co., Inc.	Lick Branch	....	160	8	50	218	20	35	55	273	212	70	75	....
Pocahontas Cons. Colls. Co., Inc.	Norfolk	100	....	....	35	135	15	30	45	180	190	140	100	15
Pocahontas Cons. Colls. Co., Inc.	No. 6	....	175	10	50	235	60	....	60	295	207	....	....	....
Pocahontas Cons. Colls. Co., Inc.	No. 7	....	140	8	40	188	30	....	30	218	204	....	....	....
Pocahontas Cons. Colls. Co., Inc.	No. 8	....	150	8	40	198	20	....	20	218	202	....	....	....
Pocahontas Cons. Colls. Co., Inc.	Rolfe	....	150	8	35	193	20	....	20	213	210	....	....	....
Pocahontas Cons. Colls. Co., Inc.	Shamokin	....	165	8	45	218	15	25	40	258	198	75	75	25
Poca. Domestic Coal Co.	Scorpion	40	....	....	11	51	4	....	4	55	200	....	....	6
Poca. Smokeless Coal Co.	Poca. Smokeless	35	....	....	14	49	5	....	5	54	170	....	....	5
Powhatan Coal & Coke Co.	East & West	50	51	5	80	186	45	22	67	253	230	313	50	40
Premier Poca. Collieries Co.	Nos. 1, 2, 3 & 4	155	....	....	65	220	61	....	61	281	217	....	....	....
Pulaski Iron Co.	Nos. 1, 2 & 3	125	50	6	151	332	74	81	155	487	208	313	260	38
Roanoke Coal & Coke Co.	Roanoke	61	....	2	26	89	12	16	28	117	165	156	65	11
Shawnee Coal & Coke Co.	Shawnee	60	....	....	33	93	29	20	49	142	240	240	65	22
Solvay Collieries Co.	Big Sandy	68	10	6	7	91	20	....	20	111	218	....	....	12
Solvay Collieries Co.	Marytown	113	....	....	46	159	29	....	29	188	231	....	....	18
Standard Poca. Coal Co., The	Standard	....	45	8	50	103	30	....	30	133	200	....	....	13
Superior Poca. Coal Co.	Blackstone	28	12	2	10	52	7	....	7	59	239	....	....	5

Superior Poca. Coal Co.	Cletus	.....	40	4	18	62	4	....	4	66	246	....	....	4
Superior Poca. Coal Co.	Davy Crockett	52	.....	.....	14	66	8	....	8	74	243	....	....	8
Superior Poca. Coal Co.	Helena	64	.....	.....	11	72	6	....	6	78	243	....	....	8
Tidewater Coal & Coke Co., The	Tidewater	85	.....	.....	35	120	25	....	25	145	190	....	....	25
Turkey Gap Coal & Coke Co.	Turkey Gap	71	.....	.....	25	96	18	....	18	114	194	....	....	13
U. S. Coal & Coke Co.	No. 2	39	78	20	40	177	27	....	27	204	217	....	....	30
U. S. Coal & Coke Co.	No. 3	15	87	8	29	139	36	....	36	175	229	....	....	19
U. S. Coal & Coke Co.	No. 4	32	97	10	21	160	17	....	17	177	209	....	....	12
U. S. Coal & Coke Co.	No. 5	21	84	6	14	125	18	....	18	143	210	....	....	7
U. S. Coal & Coke Co.	No. 6	75	123	14	62	274	48	....	48	322	218	....	....	43
U. S. Coal & Coke Co.	No. 7	43	130	10	40	223	31	....	31	254	214	....	....	43
U. S. Coal & Coke Co.	No. 8	48	48	8	14	118	55	....	55	173	167	....	....	11
U. S. Coal & Coke Co.	No. 9	78	156	26	51	311	48	....	48	359	214	....	....	29
U. S. Coal & Coke Co.	No. 10	.....	128	14	31	173	27	....	27	200	212	....	....	23
U. S. Coal & Coke Co.	No. 11	.....	158	14	33	205	27	....	27	232	216	....	....	22
U. S. Coal & Coke Co.	No. 12	.....	142	10	27	179	25	....	25	204	165	....	....	18
Upland Coal & Coke Co.	No. 1	140	.....	.....	50	190	53	17	70	260	184	313	?	34
Vaughan Coal & Coke Co.	Vaughan	40	.....	.....	12	52	15	....	15	67	?	....	....	8
War Creek Coal Co.	No. 1	18	.....	.....	6	24	4	....	4	28	220	....	....	5
Welch Coal & Coke Co.	Welch	10	11	4	10	35	4	....	4	39	204	....	....	6
West Va. Poca. Coal Co.	Leckie Nos. 1 & 2	64	25	4	30	123	15	....	15	138	241	....	....	18
Yukon Poca. Coal Co.	Nos. 1 & 2	.....	40	6	12	58	14	....	14	72	200	....	....	2
Zenith Coal & Coke Co.	Nos. 1 & 2	50	30	6	12	128	32	....	32	160	207	....	....	14
Total		4,625	4,183	523	3,824	13,155	2,494	909	3,403	16,558	218	253	94	7,653
MERCER COUNTY														
American Coal Co.	Crane Creek	91	21	10	53	175	31	38	69	241	231	300	110	32
American Coal Co.	Piedmont	.....	62	12	50	124	12	....	12	136	240	....	....	12
American Coal Co.	Pinnacle	81	21	12	49	163	63	29	92	255	229	300	100	31
Booth-Bowen Coal & Coke Co.	Booth-Bowen	73	10	2	42	127	32	14	46	173	175	175	30	28
Buckeye Coal & Coke Co.	Buckeye	95	.....	.....	75	170	15	12	27	197	180	120	30	23
Crystal Coal & Coke Co.	No. 1	76	.....	.....	55	131	35	35	70	201	250	365	100	20
Crystal Coal & Coke Co.	No. 2	35	.....	.....	15	50	10	....	10	60	250	....	....	10
Ennis Coal Co.	Hiawatha	16	67	6	26	115	30	....	30	145	108	....	....	11
Godfrey Coal Co.	Godfrey	18	.....	3	3	24	22	....	22	46	290	....	....	3
Louisville Coal & Coke Co.	Louisville No. 2, Klondike No. 3 & Goodwill	116	.....	2	43	161	35	16	51	212	187	236	50	37
Mill Creek Coal & Coke Co.	Coaldale	48	.....	.....	35	83	14	12	26	109	290	270	45	12
Mill Creek Coal & Coke Co.	East, West, West Fork & Tug River	102	6	4	112	224	21	36	57	281	270	300	70	19
Pawama Coal & Coke Co., The	Nos. 1 & 2	32	10	2	14	58	11	....	11	69	289	....	....	16
Pocahontas Cons. Colls. Co., Inc.	Caswell Creek, Hemlock & Elkhorn	160	.....	....	45	205	30	....	30	235	205	....	....	30
Pocahontas Cons. Colls. Co., Inc.	Sagamore Nos. 1 & 2	.....	150	10	50	210	40	25	65	275	250	211	?	....
Pocahontas Cons. Colls. Co., Inc.	West	15	.....	.....	3	18	.....	....	.....	18	195	....	....	3
Smokeless Coal & Coke Co., The	Smokeless	5	40	4	5	54	7	....	7	61	240	....	....	10

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES												
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total	Sum Total	Average Number of Days Mines Were Operated	Average Number of Day Ovens Were Operated	Average -Number Ovens in Operation per Plant	Number of Horses and Mules Inside
Solvay Collieries Co.	Spring	58	....	8	34	100	8	....	8	108	303	....	....	20
Thomas Coal Co., The	No. 1	70	....	....	50	120	18	30	48	168	250	365	117	28
Thomas Coal Co., The	No. 2	42	....	....	29	71	9	....	9	80	250	....	....	12
Turkey Gap Coal & Coke Co.	Nos. 1 & 2	8	80	6	22	116	30	....	30	146	182	....	....	13
Weyanoke Coal & Coke Co.	Nos. 1 & 2	28	108	6	37	179	28	....	28	207	227	....	....	3
Total		1,169	575	87	847	2,678	501	247	748	3,426	231	264	72	375
MINERAL COUNTY														
Abram's Creek Coal & Coke Co.	No. 1	20	34	6	20	80	21	....	21	101	222	....	....	8
Big Vein Coal Co., The, of W. Va.	Shaw four-foot	25	....	....	5	30	5	....	5	35	264	....	....	5
Carroll-Cross Coal Co.	Cross	40	....	....	5	45	3	....	3	48	225	....	....	3
Carroll-Cross Coal Co.	Imperial	15	....	....	3	18	2	....	2	20	225	....	....	3
Davis Coal & Coke Co.	No. 6	44	....	....	....	44	6	....	6	50	288	....	....	8
Davis Coal & Coke Co.	No. 14	77	....	....	17	94	9	....	9	103	276	....	....	12
Davis Coal & Coke Co.	No. 19	78	....	....	13	91	11	....	11	102	221	....	....	6
Davis Coal & Coke Co.	No. 20	54	....	....	15	69	8	....	8	77	254	....	....	9
Davis Coal & Coke Co.	No. 50	35	....	....	8	43	5	....	5	48	222	....	....	6
Davis Coal & Coke Co.	No. 51	67	....	....	7	74	10	....	10	84	222	....	....	1
Gleason Coal & Coke Co.	Gleason	30	30	6	9	75	10	....	10	85	225	....	....	6
Grafton Mining Co.	Western Md.	22	....	....	2	24	6	....	6	30	200	....	....	4
Hamill Coal & Coke Co.	Smith	25	....	....	6	31	6	....	6	37	169	....	....	8
Masteller Coal Co.	Hampshire Nos. 1 & 2	51	....	....	9	60	12	....	12	72	246	....	....	6
Masteller Coal Co.	New Creek	48	....	....	10	58	6	....	6	64	253	....	....	5
Total		631	64	12	129	836	120	....	120	956	234	....	....	90
MINGO COUNTY														
Buffalo Coal Co., The	Buffalo	....	45	14	48	107	26	....	26	133	252	....	....	6

Crystal Block Coal & Coke Co.	Winifrede Nos. 1 & 2	....	50	6	13	69	12	....	12	81	220	....	....	9
Glen Alum Coal Co.	Nos. 1, 2, 3 & 4	....	134	20	155	309	62	....	62	371	260	....	....	15
Grey Eagle Coal Co.	Grey Eagle	....	15	12	18	45	10	....	10	55	224	....	....	12
Howard Colliery Co.	Frederick	....	16	16	29	61	22	....	22	83	286	....	....	11
Howard Colliery Co.	Howard	....	25	20	46	91	27	....	27	118	292	....	....	18
Howard, Jr., Coal Co.	Howard Junior	....	30	22	48	100	21	....	21	121	294	....	....	20
Magnolia Coal & Coke Co.	Magnolia	....	23	8	16	47	18	....	18	65	260	....	....	7
Margaret Mining Co.	Margaret	....	18	6	8	32	8	....	8	40	220	....	....	10
Mary Helen Coal Co.	Mary Helen	....	36	8	26	70	25	....	25	95	249	....	....	2
Mingo Washed Coal Co.	Mattie May	....	8	2	6	16	4	....	4	20	140	....	....	3
Red Jacket Cons. Coal & Coke Co.	Grapevine	56	....	....	18	74	15	....	15	89	250	....	....	14
Red Jacket Cons. Coal & Coke Co.	Mitchell Branch	....	94	23	100	217	46	....	46	263	254	....	....	....
Red Jacket Cons. Coal & Coke Co.	Red Jacket	....	18	2	7	27	7	....	7	34	239	....	....	6
Red Jacket, Jr., Coal Co.	Red Jacket Jr.	....	70	12	69	151	29	....	29	180	249	....	....	....
Shanklin, Jas. R., Coal Co., The	Naugatuck	12	30	10	20	72	13	....	13	85	228	....	....	13
Sternberger, E. L., Coal Co.	Sternberger	....	29	6	19	54	26	....	26	80	269	....	....	12
Stone Mountain Coal Corp.	Marvin	....	29	6	12	47	9	....	9	56	165	....	....	4
Superior Thacker Coal & Coke Co.	No. 1	12	9	2	2	25	5	....	5	30	275	....	....	3
Sycamore Coal Co.	Cinderella	....	80	14	40	134	35	....	35	169	253	....	....	17
Thacker Coal & Coke Co.	Nos. 2, 3, 6, 7, 8 & 9	30	60	10	59	159	31	....	31	190	249	....	....	34
Thacker Coal & Coke Co.	No. 10	8	....	....	2	10	2	....	2	12	260	....	....	4
Thacker Coal & Coke Co.	Nos. 11, 12, 13 & 14	10	45	16	26	97	40	....	40	137	250	....	....	6
War Eagle Coal Co.	Mephisto	....	50	9	20	79	9	....	9	88	240	....	....	19
War Eagle Coal Co.	Pappoose	....	40	10	15	65	6	....	6	71	200	....	....	16
White Star Mining Co.	Nos. 1 & 2	....	45	8	23	76	13	....	13	89	229	....	....	7
Williamson Coal & Coke Co.	Winifrede	....	90	10	27	127	18	....	18	145	264	....	....	2
Total		128	1,089	272	872	2,361	539	....	539	2,900	243	....	....	270
MONONGALIA														
Antler Coal & Coke Co.	Grant	30	....	....	7	37	4	....	4	41	271	....	....	5
Connellsville Coal & Coke Co.	Opekiska	20	....	....	7	27	3	....	3	30	211	....	....	3
Consolidation Coal Co., The	No. 30	22	....	1	3	26	6	....	6	32	244	....	....	5
Elkins Coal & Coke Co.	No. 1	90	....	....	17	107	14	45	59	166	301	290	150	....
Elkins Coal & Coke Co.	No. 3	14	....	....	3	17	1	....	1	18	264	....	....	....
Elkins Coal & Coke Co.	No. 5	15	35	10	28	88	10	....	10	98	267	....	....	....
Great Scott Coal & Coke Co., The	Great Scott	6	....	....	2	8	1	....	1	9	290	....	....	2
Southern Connellsville Coke Co.	Marion No. 2	30	....	....	4	34	....	....	....	31	215	201	64	5
Total		227	35	11	71	344	39	45	84	428	258	245	107	20
NICHOLAS COUNTY														
Coalbell Coal Co.	Trees No. 1	....	30	8	15	53	15	....	15	68	140	....	....	2
Pardee & Curtin Lumber Co.	Mayo	3	3	....	....	6	....	....	....	6	300	....	....	....
Pardee & Curtin Lumber Co.	Panther Creek	5	3	....	....	8	1	....	1	9	300	....	....	....
Saxman Coal & Coke Co., The	Nos. 1, 2 & 3	48	....	2	20	70	....	....	9	79	280	280	12	3
Total		56	36	10	35	137	23	2	25	162	255	280	12	5

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
OHIO COUNTY														
Creighton, W. F.	Creighton	.....	.....	.....	6	6	2	....	2	8	190	....	....	.....
Elm Grove Coal Co., The	Elm Grove	.....	40	8	14	62	4	....	4	66	240	....	....	3
LaBelle Iron Works	LaBelle	.....	.....	.....	.....	......	.....	....	.....	......	....	....	....	1
Richland Coal Co.	Richland	10	290	40	67	407	44	....	44	451	300	....	....	17
Storch, Peter & Son	Storch	6	.....	.....	.....	6	.....	....	.....	6	300	....	....	1
Whitaker-Glessner Co.	Carter	.....	36	4	9	49	6	....	6	55	290	....	....	4
Total		16	366	52	96	530	56	....	56	586	264	....	....	26
PRESTON COUNTY														
Austen Coal & Coke Co.	No. 1	86	.....	8	24	118	11	32	43	161	285	275	165	10
Austen Coal & Coke Co.	No. 2	32	.....	.....	11	43	3	....	3	46	228	275	228	6
Borgman Coal Co.	No. 1	35	.....	.....	10	45	7	....	7	52	250	....	....	10
Elkins Coal & Coke Co.	No. 2	110	.....	.....	20	130	26	19	45	175	281	75	87	.....
Elkins Coal & Coke Co.	No. 4	25	34	4	11	74	10	....	10	84	221	....	....	11
Elkins Coal & Coke Co.	No. 6	118	.....	.....	21	139	24	....	24	163	267	....	....	.....
Elkins Coal & Coke Co.	No. 7	24	.....	.....	8	32	6	....	6	38	290	....	....	.....
Gorman Coal Co.	Nos. 2, 3 & 4	19	.....	8	9	36	10	....	10	46	227	....	....	5
Hiorra Coke Co.	Vulcan	.....	35	12	12	59	7	....	7	66	277	....	....	8
Hite Coal & Coke Co.	Dixie	25	.....	.....	2	27	3	....	3	30	179	....	....	5
Irona Coal Co.	No. 2	29	.....	.....	7	36	4	....	4	40	67	....	....	4
Kendall Lumber Co.	Arnold Run	10	.....	.....	2	12	.....	....	.....	12	294	....	....	2
Kingwood Coal Co.	Howesville	15	15	4	20	54	15	....	15	69	164	....	....	14
Late, Gordon B., Coal Co.	No. 1	28	.....	.....	2	30	6	....	6	36	223	....	....	5
Preston County Coke Co.	Cascade Nos. 1, 2 & 3	72	.....	.....	15	87	13	48	61	148	297	296	164	2
Preston Fuel Co.	No. 1	24	1	.....	8	33	12	....	12	45	298	....	....	4
Somerset Smokeless Coal Co.	Tunnelton	17	116	18	53	204	28	....	28	232	285	....	....	13
Va.-Maryland Coal Corp.	Scotch Hill	4	16	8	16	44	12	....	12	56	216	....	....	4

Wills, John	No. 4	15	....	....	4	19	3	....	3	22	189	....	....	4
Total		688	217	62	255	1,222	200	99	299	1,521	234	307	161	107
PUTNAM COUNTY														
Black Betsey Coal & Mining Co.	Nos. 2 & 3	300	....	....	100	400	70	....	70	470	221	....	....	35
Oak Forest Coal & Mining Co.	Oak Forest	....	6	2	....	8	4	....	4	12	150	....	....	....
Otto Marmet Coal & M'g Co., The	Nos. 1, 2 & 3	225	....	....	104	329	119	....	119	448	235	....	....	35
Plymouth Coal & Mining Co.	Plymouth	180	....	....	51	231	23	....	23	254	251	....	....	24
Total		705	6	2	255	968	216	....	216	1,184	214	....	....	94
RALEIGH COUNTY														
Bailey Wood Coal Co.	Bailey-Wood	50	2	2	28	82	12	....	12	94	242	....	....	1
Beckley Coal & Coke Co.	Buckeye	75	15	6	40	136	15	....	15	151	223	....	....	22
Blue Jay Lumber Co.	No. 4	12	....	....	....	12	3	....	3	15	200	....	....	3
Clear Fork Coal Co.	Leevale	....	56	6	12	74	14	....	14	88	201	....	....	....
Cranberry Fuel Co.	Cranberry	55	16	4	45	120	25	....	25	145	257	....	....	19
Cranberry Fuel Co.	Sprague	60	10	4	30	104	14	....	14	118	250	....	....	17
Four States Coal & Coke Co.	Dorothy	36	91	12	63	202	44	....	44	246	192	....	....	....
Four States Coal & Coke Co.	Sarita	50	83	10	52	195	35	....	35	230	175	....	....	....
Gulf Coal Co.	Nos. 1, 2 & 3	20	10	2	18	50	15	....	15	65	269	....	....	7
Gulf Smokeless Coal Co.	Nos. 1, 2 & 3	130	8	4	105	247	25	....	25	272	250	....	....	7
Lanark Coal Co.	No. 4	25	....	....	14	39	14	....	14	53	216	....	....	5
Lynwin Coal Co.	Lynwin	18	43	4	32	97	16	....	16	113	262	....	....	10
Mabscott Coal &Coke Co.	Mabscott	76	....	....	24	100	12	....	12	112	260	....	....	28
Marsh Fork Coal Co.	Marsh Fork	....	45	6	6	57	9	....	9	66	194	....	....	....
MacAlpin Coal Co.	MacAlpin	40	85	12	60	197	18	....	18	215	275	....	....	2
McKell Coal & Coke Co.	Graham	25	18	4	7	54	9	....	9	63	238	....	....	16
McKell Coal & Coke Co.	Oswald Nos. 1, 2, 3 & 4	62	28	12	35	137	15	....	15	152	207	....	....	10
McKell Coal & Coke Co.	Tamroy	25	25	6	27	83	18	....	18	101	220	....	....	....
New River Collieries Co.	Eccles Nos. 3 & 4	56	27	10	99	192	46	....	46	238	265	....	....	12
New River Collieries Co.	Eccles Nos. 5 & 6	98	61	10	134	303	67	....	67	370	226	....	....	17
Pemberton Coal & Coke Co.	Affinity	....	30	6	34	70	15	....	15	85	260	....	....	....
Pemberton Coal & Coke Co.	Big Stick	67	....	....	47	114	12	....	12	126	258	....	....	25
Pemberton Fuel Co.	Pemberton	28	....	....	6	34	8	....	8	42	228	....	....	4
Piney Mining Co.	Piney Nos. 1 & 2	80	....	13	52	145	33	....	33	178	190	....	....	23
Piney Mining Co.	No. 3	35	....	....	9	44	7	....	7	51	256	....	....	8
Piney Mining Co.	No. 4	50	....	....	22	72	10	....	10	82	275	....	....	15
Price Hill Fuel Co.	Price Hill	4	4	2	2	12	1	....	4	16	31	....	....	1
Raleigh Coal & Coke Co.	Nos. 1, 2 & 4	40	5	4	32	81	4	....	4	85	186	....	....	....
Raleigh Coal & Coke Co.	No. 3	58	16	8	36	118	7	....	7	125	167	....	....	8
Raleigh Coal & Coke Co.	Nos. 5 & 6	83	33	8	48	172	12	....	12	184	219	....	....	....
Royal Coal Co.	Royal	20	....	....	3	23	1	....	1	24	120	....	....	4
Slab Fork Coal Co.	Nos. 2, 3, 6 & 7	83	14	6	80	183	34	....	34	217	246	....	....	17
Slab Fork Coal Co.	No. 5	69	....	....	37	106	6	....	6	112	246	....	....	11
Stonewall Coal & Coke Co.	No. 2	8	....	....	2	10	....	....	....	10	280	....	....	2
Stonewall Coal & Coke Co.	Terry & Stonewall	60	....	....	12	72	6	....	6	78	243	....	....	....

DETAIL OF PERSONS EMPLOYED AT THE MINES AND OVENS FOR THE FISCAL YEAR ENDING JUNE 30TH, 1914.

Name of Company	Name of Mine	EMPLOYES								Sum Total	Average Number of Days Mines Were Operated	Average Number of Days Ovens Were Operated	Average Number Ovens in Operation per Plant	Number of Horses and Mules Inside
		Inside					Outside							
		Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Total	Laborers	Coke Workers	Total					
Sullivan Coal & Coke Co.	North & South	100	.....	.....	30	130	40	....	40	170	252	....	....	2
White, B. H.	Coomb's Lease	10	.....	.....	3	13	3	....	3	16	300	....	....	2
White, E. E., Coal Co.	Glen White Nos. 1 & 2	140	25	12	37	214	86	....	86	300	240	....	....	12
White, E. E., Coal Co.	Stotesbury Nos. 1, 3, 5, 6 & 7	70	85	28	64	247	104	....	104	351	245	....	....	2
Winding Gulf Colliery Co.	Nos. 1 & 3	.....	71	14	75	160	20	....	20	180	264	....	....	.....
Winding Gulf Colliery Co.	No. 2	.....	67	6	66	139	14	....	14	153	240	....	....	10
Wood Peck Coal Co.	Wood Peck	30	.....	.....	10	40	5	....	5	45	247	....	....	9
Wright Coal & Coke Co.	No. 1	40	8	.....	2	50	5	....	5	55	223	....	....	4
Wright Coal & Coke Co.	No. 2	40	.....	.....	6	46	6	....	6	52	248	....	....	6
Total		2,028	981	221	1,546	4,776	868	....	868	5,644	229	....	....	341
RANDOLPH COUNTY														
Brady Coal Co.	Klondyke	25	.....	.....	4	29	2	....	2	31	180	....	....	5
Davis Coal & Coke Co.	Weaver No. 1	42	.....	.....	8	50	6	....	6	56	275	....	....	5
Davis Coal & Coke Co.	Weaver No. 2	73	.....	.....	31	104	7	....	7	111	277	....	....	15
Davis Colliery Co.	Coalton Nos. 1 & 3	60	50	10	28	148	25	50	75	223	252	264	201	13
Davis Colliery Co.	Sivad No. 2	35	.....	.....	5	40	5	....	5	45	196	....	....	5
Davis Colliery Co.	Harding Nos. 1, 3 & 5	43	24	6	16	89	17	17	34	123	250	267	80	12
Davis Colliery Co.	No. 5	10	.....	.....	2	12	1	....	1	13	311	....	....	2
Green, W. H.	Leroy	10	.....	.....	.....	10	.....	....	.....	10	30	....	....	.....
Jenkins, J. B., Coal & Coke Co.	Ariana	45	.....	.....	8	53	10	....	10	63	169	....	....	6
Rich Mountain Coal Co.	Beech Run	18	.....	.....	2	20	3	....	3	23	70	....	....	3
Rich Mountain Coal Co.	Hartridge	13	5	2	3	23	4	....	4	27	85	....	....	3
West Va. Pulp & Paper Co.	Hopkins	14	.....	.....	3	17	4	....	4	21	305	....	....	3
Total		388	79	18	110	595	84	67	151	746	200	265	140	72

TAYLOR COUNTY														
Davis, T. B. (Estate)	T. B. Davis	41	....	....	11	52	11	....	11	63	258	....	....	6
Grafton Coal & Coke Co	Sandlick Nos. 1 & 2	30	....	....	10	40	7	....	7	47	247	....	....	6
Maryland Coal Co. of West Va	Wendell Nos. 1, 2 & 4	15	401	36	15	467	48	....	48	515	263	....	....	29
McGraw Coal Co	No. 1	9	28	6	26	69	14	....	14	83	193	....	....	....
Pittsvein Coal Co	No. 4	10	55	7	17	89	21	....	21	110	215	....	....	8
Rosemont Coal Co	Rosemont	158	....	6	63	227	35	....	35	262	272	....	....	22
Sterling Coal Co	Cecil	....	13	4	5	22	4	....	4	26	184	....	....	5
Sunnyside Coal Co	Sunnyside	32	....	....	6	38	5	....	5	43	255	....	....	4
Winona Coal & Coke Co	No. 2	26	....	6	9	41	8	8	16	57	300	300	30	3
Total		321	497	65	162	1,045	153	8	161	1,206	247	300	30	83
TUCKER COUNTY														
Cooper, J. Calvin	Cooper	8	....	....	2	10	....	....	....	10	299	....	....	2
Cumberland Coal Co	Douglas No. 1	....	85	....	37	122	18	13	31	153	250	171	30	12
Cumberland Coal Co	Douglas No. 2	44	....	....	10	54	13	....	13	67	231	....	....	5
Cumberland Coal Co	Douglas No. 6	19	....	....	8	27	9	....	9	36	250	....	....	3
Davis Coal & Coke Co	No. 23	96	26	2	29	153	17	....	17	170	273	....	....	9
Davis Coal & Coke Co	No. 24	34	....	....	8	42	3	....	3	45	254	....	....	5
Davis Coal & Coke Co	No. 25	78	....	....	17	95	5	....	5	100	268	....	....	6
Davis Coal & Coke Co	No. 26	40	....	....	8	48	4	....	4	52	251	....	....	7
Davis Coal & Coke Co	No. 34	25	....	....	13	38	2	....	2	40	82	....	....	8
Davis Coal & Coke Co	No. 35	16	....	....	7	23	1	....	1	24	62	....	....	3
Davis Coal & Coke Co	No. 36	91	....	....	30	121	19	....	19	140	278	....	....	18
Davis Coal & Coke Co	No. 37	42	....	....	27	69	20	....	20	89	274	....	....	6
Davis Coal & Coke Co	No. 38	138	....	....	54	192	11	....	11	203	265	....	....	12
Davis Coal & Coke Co	No. 39	90	....	....	37	127	10	....	10	137	277	....	....	9
Davis Coal & Coke Co	No. 40	105	....	....	45	150	7	....	7	157	276	....	....	12
Davis Coal & Coke Co	No. 41	42	....	....	12	54	5	....	5	59	272	....	....	5
Total		868	111	2	344	1,325	144	13	157	1,482	241	171	30	122
UPSHUR COUNTY														
Buckhannon River C. & C. Co	Florence No. 2	10	35	4	4	53	8	12	20	73	150	197	16	6
Newcomer Coal Co	Newcomer	6	....	....	2	8	1	....	1	9	150	....	....	1
Red Rock Fuel Co	Red Rock	....	25	12	2	39	11	....	11	50	267	....	....	....
Total		16	60	16	8	100	20	12	32	132	189	197	16	7
WAYNE COUNTY														
East Lynn Coal Co	No. 1	....	....	6	65	71	9	....	9	80	298	....	....	6
Total		....	....	6	65	71	9	....	9	80	298	....	....	6
WYOMING COUNTY.														
Mead Poca. Coal Co	Mead Poca	27	....	....	7	34	7	....	7	41	276	....	....	5
Trace Fork Coal Co	Trace Fork	7	....	....	2	9	3	....	3	12	75	....	...	2
Total		34	....	....	9	43	10	....	10	53	175	....	....	7

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1914.

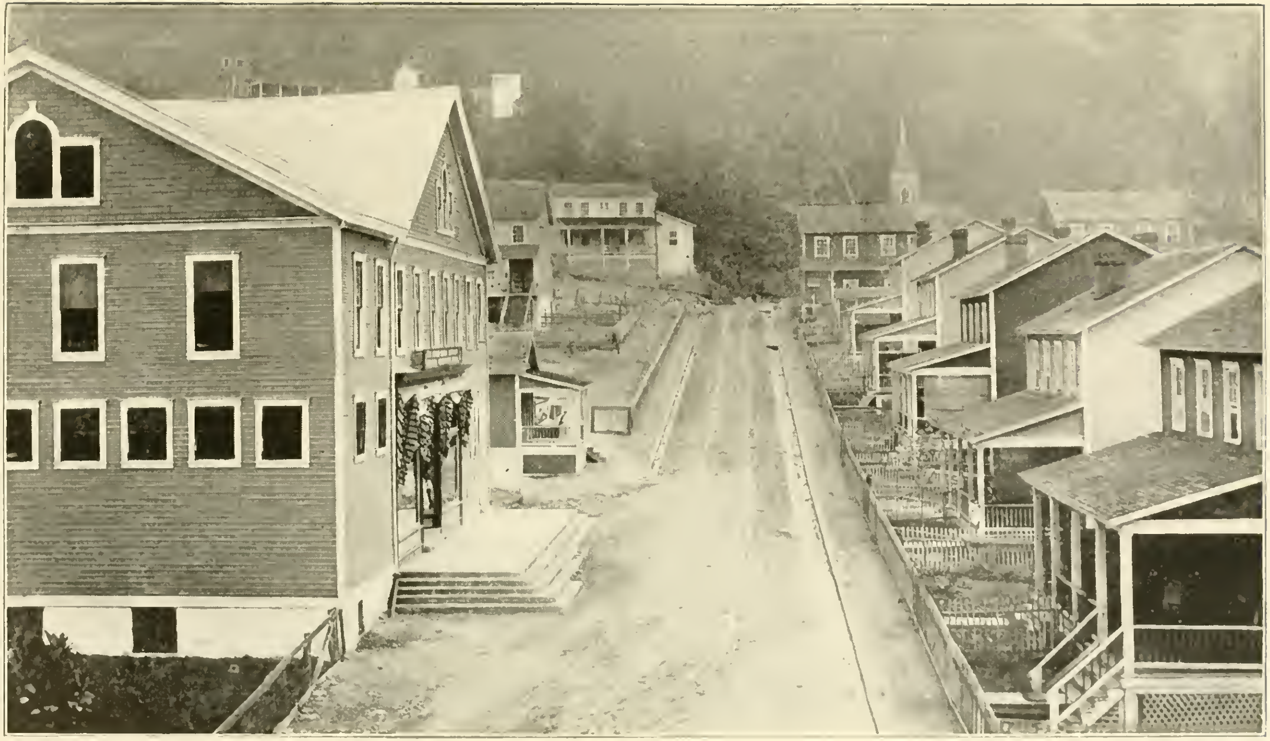
COUNTY	No of Mines Operated	Americans White	Austrians	Belgians	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian
Barbour	15	692	......	...	3	...	...	...	41	...	...	...	...	...	1	66	1	210
Boone	9	467	2	...	...	...	...	...	...	...	...	...	29	...	...	1	...	40
Braxton	8	147	13	...	...	...	...	...	5	...	3	1	...	...	2	2	...	54
Brooke	5	204	56	5	22	...	...	...	9	5	19	1	15	...	5	80	6	89
Clay	4	207	38	...	2	...	...	...	...	...	3	28	...	...	8	12	...	33
Fayette	130	6,421	86	1	4	...	...	...	209	6	182	...	1	...	12	365	36	1,451
Gilmer	3	82	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	27
Grant	3	125	10	...	...	...	...	...	...	...	...	...	...	...	...	......	...	37
Greenbrier	1	......	8	...	9	...	...	...	1	...	...	...	...	...	...	......	1	......
Harrison	71	2,032	265	...	16	...	32	...	10	1	44	...	2	...	11	286	23	1,571
Kanawha	100	5,267	49	...	...	...	...	...	42	...	15	...	31	1	...	215	24	428
Lewis	2	15	......	...	...	...	...	...	...	...	...	...	...	...	...	30	...	5
Lincoln	2	62	......	...	...	...	...	...	...	...	...	...	...	...	...	......	...	......
Logan	69	2,476	33	...	10	...	...	...	22	1	11	...	27	...	35	644	20	454
Marion	36	1,679	543	...	9	...	80	1	25	14	73	1	29	...	151	336	44	1,285
Marshall	7	380	38	...	10	...	...	...	11	3	35	6	12	...	...	64	8	44
Mason	3	261	......	...	...	...	...	...	...	...	...	...	...	...	...	......	...	......
McDowell	127	5,447	25	...	...	1	...	...	91	13	72	...	231	...	38	1,750	13	2,012
Mercer	33	1,387	......	...	...	...	...	...	5	...	23	1	5	...	...	262	4	323
Mineral	16	759	......	...	...	...	...	...	3	...	...	...	3	...	...	6	5	77
Mingo	41	1,877	2	...	...	1	...	...	...	...	16	...	...	...	...	240	...	310
Monongalia ..	8	183	2	...	...	10	...	...	...	...	...	...	...	...	6	7	...	155
Nicholas	6	112	......	...	...	...	...	...	...	...	...	...	...	...	...	11	...	8
Ohio	5	153	69	2	...	...	...	...	3	3	5	8	68	...	11	2	...	48
Preston	21	973	27	...	...	...	...	...	2	...	10	...	...	...	20	29	...	262
Putnam	8	1,034	......	...	...	...	...	...	...	...	...	...	...	...	...	......	...	......
Raleigh	65	2,365	52	...	...	...	...	...	64	...	46	...	117	...	...	239	7	514
Randolph	15	304	13	...	...	...	...	...	2	...	5	20	...	...	...	1	5	290
Taylor	12	458	35	...	4	...	...	...	1	...	7	...	...	...	130	87	1	160
Tucker	16	341	88	...	...	...	3	...	11	...	4	83	1	...	...	20	6	364
Upshur	3	78	17	...	...	...	...	...	...	...	4	...	...	...	...	5	...	25
Wayne	1	80	......	...	...	...	...	...	...	...	...	...	...	...	...	......	...	......
Wyoming	2	33	......	...	...	...	...	...	...	...	...	...	...	...	...	......	...	......
Totals	847	36,101	1,472	8	89	12	115	1	557	46	577	149	571	1	430	4,761	202	10,276

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS BY COUNTIES FOR THE YEAR ENDING JUNE 30TH, 1914.

Lithuanian	Litvich	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside except Coke Yard	Total Coke	Grand Total
58	...	..	84	56	...	......	...	...	3	...	...	...	...	...	4	1,066	141	12	1,219
...	...	..	68	13	...	......	1	...	4	...	...	...	...	...	...	545	80	......	625
4	...	..	9	4	...	1	...	...	4	...	...	...	...	...	4	226	27	......	253
...	13	..	81	90	5	13	22	40	23	...	...	11	...	...	...	702	112	......	814
6	...	..	29	4	...	10	..	...	......	...	...	...	...	...	...	310	70	......	380
11	223	..	2,836	376	5	192	28	...	121	21	...	13	...	5	46	10,584	1,649	418	12,651
...	...	..	3	1	...	......	...	...	......	...	...	...	...	...	...	99	16	......	115
...	15	..	......	12	...	7	...	...	8	...	...	...	...	...	...	181	33	......	214
...	...	..	......	......	1	......	...	...	9	...	1	...	...	...	...	23	7	......	30
11	19	..	104	321	44	70	9	...	331	17	1	49	...	...	19	4,454	819	15	5,288
6	4	..	985	192	4	96	54	...	29	7	...	10	...	1	...	6,426	1,034	......	7,460
...	...	..	......	......	...	......	...	...	......	...	...	...	...	...	...	40	10	......	50
...	...	..	5	......	...	......	...	...	......	...	...	...	...	...	...	57	10	......	67
...	...	..	484	208	93	97	3	...	139	38	6	1	...	...	18	4,085	731	4	4,820
29	23	..	223	326	...	374	33	3	296	1	...	28	45	2	49	4,831	828	43	5,702
...	...	..	9	201	...	30	7	...	170	...	...	...	...	...	...	895	133	......	1,028
...	...	..	......	......	...	......	...	...	......	...	...	...	...	...	...	242	19	......	261
10	32	..	5,040	362	292	552	19	...	496	34	7	3	...	...	18	13,167	2,481	910	16,558
10	8	..	1,264	2	...	85	...	...	49	...	...	...	...	...	...	2,651	525	250	3,426
55	5	..	15	27	...	......	...	...	......	...	1	...	...	...	...	826	130	......	956
...	...	..	362	10	...	18	3	...	33	26	...	...	...	...	2	2,350	550	......	2,900
...	...	..	4	......	...	......	...	...	61	...	...	...	...	...	...	340	43	45	428
...	...	..	......	17	...	4	...	...	10	...	...	...	...	...	...	133	27	2	162
7	...	..	37	104	...	3	2	8	27	...	...	...	...	...	26	530	56	......	586
...	1	..	33	119	10	7	...	...	28	...	...	...	...	...	...	1,218	204	99	1,521
...	...	..	149	......	...	1	...	...	......	...	...	...	...	...	...	968	216	......	1,184
13	31	10	1,422	353	4	107	29	9	170	86	4	...	...	2	...	4,803	841	......	5,644
41	...	..	2	53	...	......	...	...	10	...	...	...	...	..	...	595	84	67	746
12	15	..	30	44	52	38	4	...	128	...	...	...	...	...	...	1,045	153	8	1,206
141	...	..	59	240	...	32	7	...	80	...	1	...	...	1	...	1,325	144	13	1,482
...	...	..	2	1	...	......	...	...	......	...	...	...	...	...	...	100	20	12	132
...	...	..	......	......	...	......	...	...	......	...	...	...	...	...	...	71	9	......	80
...	..	.	18	......	...	......	...	...	......	...	...	...	...	...	2	43	10	......	53
414	389	10	13,357	3,136	510	1,737	221	60	2,229	230	21	115	45	11	188	64,931	11,212	1,898	78,041

NATIONALITIES EMPLOYED AND THEIR PERCENTAGES JUNE 30TH, 1914.

NATIONALITIES	Total Number Employed	Percentage of Nationalities Reported	Percentage of Total Number of Employes
American	36,101	46.367	46.279
Austrian	1,472	1.890	1.887
Belgian	8	.012	.010
Bohemian	89	.114	.114
Bulgarian	12	.015	.015
Croatian	115	.147	.147
Danish	1	.001	.001
English	557	.715	.713
French	46	.059	.058
Germans	577	.741	.738
Granish	149	.191	.191
Greek	571	.733	.731
Hebrew	1	.001	.001
Horwat	430	.552	.551
Hungarian	4,761	6.173	6.117
Irish	202	.262	.258
Italian	10,276	13.181	13.165
Lithuanian	414	.531	.530
Litvitch	389	.499	.498
Montenegro	10	.012	.012
Negro	13,357	17.151	17.129
Polish	3,136	4.025	4.020
Roumanian	510	.642	.627
Russian	1,737	2.227	2.225
Scotch	221	.283	.282
Servian	60	.077	.076
Slavish	2,229	2.859	2.847
Spanish	230	.295	.294
Swedish	21	.027	.026
Syrian	115	.147	.147
Turkish	45	.057	.057
Welsh	11	.014	.014
Totals	77,853	100.000	99.760
Unknown	188		.240
Totals	78,041	100.000	100.000



Street in Wilcoe.
United States Coal & Coke Co.

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch	Montenegro
Barbour	Inside	572	...	...	...	...	2	...	38	...	...	...	...	...	1	62	1	199	58	...	...
	Outside	118	...	...	...	...	1	...	3	...	...	...	...	...	...	4	...	1	...	...	...
	Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...
Total		692	...	...	...	...	3	...	41	...	...	...	...	...	1	66	1	210	58	...	...
Boone	Inside	396	2	...	...	...	...	...	...	...	...	...	25	...	...	...	...	38	...	...	...
	Outside	71	...	...	...	...	...	...	...	...	...	...	4	...	...	1	...	2	...	...	...
Total		467	2	...	...	...	...	...	...	...	...	...	29	...	...	1	...	40	...	...	...
Braxton	Inside	126	13	...	...	...	...	...	5	...	2	1	...	...	2	2	...	49	...	4	...
	Outside	21	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...	...
Total		147	13	...	...	...	...	...	5	...	3	1	...	...	2	2	...	54	...	4	...
Brooke	Inside	132	54	5	22	...	...	...	8	5	18	1	15	...	5	77	6	75	...	13	...
	Outside	72	2	...	...	...	...	...	1	...	1	...	...	...	...	3	...	14	...	...	...
Total		204	56	5	22	...	...	...	9	5	19	1	15	...	5	80	6	89	...	13	...
Clay	Inside	142	36	...	2	...	...	...	...	...	3	28	...	...	8	12	...	31	6	...	...
	Outside	65	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
Total		207	38	...	2	...	...	...	...	...	3	28	...	...	8	12	...	33	6	...	...
Fayette	Inside	5,190	75	1	4	...	...	...	186	6	177	...	1	...	14	356	28	1,331	11	202	...
	Outside	1,203	11	...	...	...	...	...	23	...	5	...	...	...	...	9	8	120	...	21	...
	Coke Yard	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		6,421	86	1	4	...	...	...	209	6	182	...	1	...	14	365	36	1,451	11	223	...
Gilmer	Inside	66	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	27	...	...	...
	Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		82	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	27	...	...	...

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside	Total Coke Yard	Grand Total
Barbour	Inside	71	56	...	...	...	...	3	...	...	...	...	...	1	1,066	141	......	......
	Outside	13	...	...	...	...	...	...	...	...	...	...	...	3	......	......	12	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......		......
Total		84	56	...	...	...	...	3	...	...	...	...	...	4	1,066	141	12	1,219
Boone	Inside	67	12	...	...	1	4	...	...	...	...	...	...	...	545	......	......	......
	Outside	1	1	...	...	...	...	...	...	...	...	...	...	...	......	80	......	......
Total		68	13	...	...	1	4	...	...	...	...	...	...	...	545	80	......	625
Braxton	Inside	9	4	...	1	...	...	4	...	...	...	...	...	4	226	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	27	......	......
Total		9	4	...	1	...	...	4	...	...	...	...	...	4	226	27	......	253
Brooke	Inside	76	81	5	13	18	40	23	...	...	10	...	...	...	702	......	......	......
	Outside	5	9	...	...	4	...	...	...	...	1	...	...	...	......	112	......	......
Total		81	90	5	13	22	40	23	...	...	11	...	...	...	702	112	......	814
Clay	Inside	28	4	...	10	...	...	...	...	...	...	...	...	...	310	......	......	......
	Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	......	70	......	......
Total		29	4	...	10	...	...	...	...	...	...	...	...	...	310	70	......	380
Fayette	Inside	2,086	350	11	174	46	11	89	28	3	13	...	5	46	10,584	......	......	......
	Outside	346	6	...	5	...	...	32	...	...	...	...	...	...	......	1,649	......	......
	Coke Yard	362	14	...	13	1	...	...	...	...	...	...	...	...	......	......	418	......
Total		2,794	370	11	192	47	11	121	28	3	13	...	5	46	10,584	1,649	418	12,651
Gilmer	Inside	3	1	...	...	...	...	...	...	...	...	...	...	...	99	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	16	......	......
Total		3	1	...	...	...	...	...	...	...	...	...	...	...	99	16	......	115

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch	Montenegro
Grant	Inside	102	10	..	..	..	...	...	...	...	...	...	...	...	...	...	...	27	...	15	...
	Outside	23	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...
Total		125	10	..	..	..	...	...	...	...	...	...	...	...	...	...	...	37	...	15	...
Greenbrier	Inside	.....	4	..	9	..	...	...	...	...	...	...	...	...	...	...	1	......	...	...	...
	Outside	.....	4	..	..	..	...	...	1	...	...	...	...	...	...	...	...	......	...	...	...
Total		.....	8	..	9	..	...	...	1	...	...	...	...	...	...	...	1	......	...	...	...
Harrison	Inside	1,363	229	..	14	..	32	...	7	1	44	...	2	...	9	274	27	1,409	11	24	...
	Outside	632	36	..	2	..	...	...	3	...	...	...	2	...	...	12	...	167	...	...	...
	Coke Yard	6	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...
Total		2,001	265	..	16	..	32	...	10	1	44	...	4	...	9	286	27	1,585	11	24	...
Kanawha	Inside	4,370	49	..	..	..	...	...	35	...	14	...	17	...	...	201	20	269	6	4	...
	Outside	891	...	..	..	..	...	...	7	...	1	...	14	...	...	19	4	159	...	...	...
Total		5,261	49	..	..	..	...	...	42	...	15	...	31	...	...	220	24	428	6	4	...
Lewis	Inside	10	...	..	..	..	...	...	...	...	...	...	...	...	...	25	...	5	...	...	...
	Outside	5	...	..	..	..	...	...	...	...	...	...	...	...	...	5	...	......	...	...	...
Total		15	...	..	..	..	...	...	...	...	...	...	...	...	...	30	...	5	...	...	...
Lincoln	Inside	52	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
	Outside	10	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total		62	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Logan	Inside	1,577	28	..	10	..	...	...	19	1	11	...	27	...	...	632	15	406	...	...	...
	Outside	895	4	..	..	..	...	...	3	...	...	...	...	...	35	12	5	48	...	...	...
	Coke Yard	4	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total		2,476	32	..	10	..	...	...	22	...	11	...	27	...	35	644	20	454	...	...	...

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside	Total Coke Yard	Grand Total
Grant	Inside	.....	12	...	7	...	...	8	...	...	...	...	...	...	181	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	33	......	......
Total	....	.....	12	...	7	...	...	8	...	...	...	...	...	...	181	33	......	214
Greenbrier	Inside	.....	...	1	...	...	...	7	...	1	...	...	...	...	23	......	......	......
	Outside	.....	...	...	...	...	...	2	...	...	...	...	...	...	......	7	......	......
Total	....	.....	...	1	...	...	...	9	...	1	...	...	...	...	23	7	......	30
Harrison	Inside	93	194	28	75	7	...	311	16	1	47	...	...	19	4,237	......	......	......
	Outside	11	127	16	3	2	...	20	1	...	2	...	...	...	......	1,036	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	15	......
Total	....	104	321	44	78	9	...	331	17	1	49	...	...	19	4,237	1,036	15	5,288
Kanawha	Inside	869	185	4	96	33	...	29	7	...	9	...	1	1	6,426	......	......	......
	Outside	116	7	...	...	21	...	...	...	...	1	...	...	...	......	1,034	......	......
Total	....	985	192	4	96	54	...	29	7	...	10	...	1	1	6,426	1,034	......	7,460
Lewis	Inside	.....	...	...	...	...	...	...	...	...	...	...	...	...	40	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	10	......	......
Total	....	.....	...	...	...	...	...	...	...	...	...	...	...	...	40	10	......	50
Lincoln	Inside	5	...	...	...	...	...	...	...	...	...	...	...	...	57	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	10	......	......
Total	....	5	...	...	...	...	...	...	...	...	...	...	...	...	57	10	......	67
Logan	Inside	417	199	87	97	3	...	117	38	6	1	...	...	18	3,709	......	......	......
	Outside	67	10	6	...	...	...	22	...	...	...	...	...	...	......	1,107	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	4	......
Total	....	484	209	93	97	3	...	139	38	6	1	...	...	18	3,709	1,107	4	4,820

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch	Montenegro
Marion	Inside	1,012	528	..	9	..	78	1	24	10	66	1	29	...	141	329	14	1,052	29	23	...
	Outside	656	15	..	..	..	2	...	1	4	7	...	...	...	10	7	...	214	...	...	...
	Coke Yard	11	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	19	...	...	...
Total		1,679	543	..	9	..	80	1	25	14	73	1	29	...	151	336	44	1,285	29	23	...
Marshall	Inside	279	38	..	10	..	...	...	11	3	33	6	12	...	...	59	7	42	...	...	...
	Outside	101	...	..	..	..	...	...	...	...	2	...	...	...	...	5	1	2	...	...	...
Total		380	38	..	10	..	...	...	11	3	35	6	12	...	...	64	8	14	...	...	...
Mason	Inside	227	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
	Outside	34	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total		261	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
McDowell	Inside	3,720	3	..	..	1	...	...	64	4	...	61	210	...	30	1686	12	1,451	10	32	...
	Outside	1,589	22	..	..	..	...	...	27	9	...	...	5	...	...	55	1	442	...	...	...
	Coke Yard	138	...	..	..	..	...	...	...	...	...	11	16	...	8	9	...	119	...	...	...
Total		5,447	25	..	..	1	...	...	91	13	...	72	231	...	38	1750	13	2,012	10	32	...
Mercer	Inside	987	...	..	..	..	...	...	5	...	22	...	5	...	...	254	1	223	10	5	...
	Outside	354	...	..	..	..	...	...	...	...	1	. 1	...	...	...	8	1	46	...	3	...
	Coke Yard	46	...	..	..	..	...	...	..	....	...	...	...	...	...	...	...	54	...	...	...
Total		1,387	...	..	..	..	...	...	5	...	23	. 1	5	...	...	262	2	323	10	8	...
Mineral	Inside	642	...	..	..	..	...	...	3	...	..	..	3	...	...	6	5	67	54	5	...
	Outside	117	...	..	..	..	..	...	...	...	...	...	...	...	...	...	...	10	1	...	...
Total		759	...	..	..	..	...	...	3	...	..	..	3	...	...	6	5	77	55	5	...
Mingo	Inside	1,496	2	..	..	1	...	...	...	...	14	...	...	...	...	167	...	239	...	...	...
	Outside	381	...	..	..	..	...	...	...	...	2	...	...	...	...	73	...	71	...	...	...
Total		1,877	2	..	..	1	...	...	...	...	16	...	...	...	...	240	...	310	...	...	...

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside	Total Coke Yard	Grand Total
Marion	Inside	219	315	...	363	30	3	266	1	...	27	45	2	49	4,696	......	......	......
	Outside	4	11	...	2	3	...	26	...	...	1	...	...	...	......	963	......	......
	Coke Yard	.....	...	...	9	...	...	4	...	...	...	...	...	...	......	......	43	......
Total		223	326	...	374	33	3	296	1	...	28	45	2	49	4,696	963	43	5,702
Marshall	Inside	9	199	30	...	7	...	160	...	...	...	...	...	...	905	......	......	......
	Outside	.....	2	...	...	...	...	10	...	...	...	...	...	...	......	123	......	......
Total		9	201	30	...	7	...	170	...	...	...	...	...	...	905	123	......	1,028
Mason	Inside	.....	...	...	...	...	...	...	...	...	...	...	...	...	227	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	34	......	......
Total		.....	...	...	...	...	...	...	...	...	...	...	...	...	227	34	......	261
McDowell	Inside	3,648	362	292	445	19	...	485	34	7	3	...	...	18	12,577	......	......	......
	Outside	809	...	...	107	...	...	7	...	...	...	...	...	...	......	3,073	......	......
	Coke Yard	583	...	...	...	...	...	4	...	...	...	...	...	...	......	......	908	......
Total		5,040	362	292	552	19	...	496	34	7	3	...	...	18	12,577	3,073	908	16,558
Mercer	Inside	971	2	...	85	...	...	49	...	...	...	...	...	...	2,619	......	......	......
	Outside	143	...	...	...	...	...	...	...	...	...	...	...	...	......	557	......	......
	Coke Yard	150	...	...	...	...	...	...	...	...	...	...	...	...	......	......	250	......
Total		1,264	2	...	85	...	...	49	...	...	...	...	...	...	2,619	557	250	3,426
Mineral	Inside	13	27	...	...	...	...	...	...	1	...	...	...	...	826	......	......	......
	Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	......	130	......	......
Total		15	27	...	...	...	...	...	...	1	...	...	...	...	826	130	......	956
Mingo	Inside	329	10	...	18	1	...	33	26	...	...	...	...	2	2,338	......	......	......
	Outside	33	...	...	...	2	...	...	...	...	...	...	...	...	......	562	......	......
Total		362	10	...	18	3	...	33	26	...	...	...	...	2	2,338	562	......	2,900

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch	Montenegro
Monongalia	Inside	131	2	..	..	..	...	...	...	...	...	...	...	...	6	7	...	140	...	...	...
	Outside	37	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...
	Coke Yard	15	...	10	..	..	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...
Total		183	2	10	..	..	...	...	...	...	..	...	...	...	6	7	...	155	...	...	...
Nicholas	Inside	88	...	..	..	..	...	...	...	...	..	...	...	...	...	10	...	8	...	...	...
	Outside	22	...	..	..	..	...	...	...	...	...	...	...	...	...	1	...	......	...	...	...
	Coke Yard	2	...	..	..	..	..	...	..	...	...	...	...	...	...	...	...	......	...	...	...
Total		112	...	..	..	..	...	...	...	...	...	...	...	...	...	11	...	8	...	...	...
Ohio	Inside	112	63	2	..	..	...	...	3	3	5	8	68	...	10	2	...	47	7	...	...
	Outside	41	6	..	..	..	...	..	...	...	...	...	...	...	1	...	...	1	...	...	...
Total		153	69	2	..	..	...	...	3	3	5	8	68	...	11	2	...	48	7	...	...
Preston	Inside	796	20	..	..	..	...	...	2	...	8	...	...	...	6	22	...	209	...	1	...
	Outside	163	...	..	..	..	...	...	...	...	1	...	...	...	...	...	...	26	...	...	...
	Coke Yard	14	7	..	..	..	..	...	...	...	1	...	...	...	14	7	...	27	...	...	...
Total		973	27	..	..	..	...	..	2	...	10	...	...	...	20	29	...	262	...	1	...
Putnam	Inside	848	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
	Outside	186	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total		1,034	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Raleigh	Inside	1,780	48	..	..	..	...	...	62	...	45	...	117	...	...	234	6	364	13	31	10
	Outside	585	4	..	..	..	...	...	2	...	1	...	...	...	...	5	1	150	...	...	...
Total		2,365	52	..	..	..	...	..	64	...	46	...	117	...	...	239	7	514	13	31	10

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside	Total Coke Yard	Grand Total
Monongalia	Inside	2	...	...	...	...	...	52	...	...	...	...	...	...	340	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	43	......	......
	Coke Yard	2	...	...	...	...	...	9	...	...	...	...	...	...	......	......	45	......
Total	....	4	...	...	...	...	...	61	...	...	...	...	...	...	340	43	45	428
Nicholas	Inside	.....	13	...	4	...	...	10	...	...	...	...	...	...	133	......	......	......
	Outside	.....	4	...	...	...	...	...	...	...	...	...	...	...	......	27	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	2	......
Total	....	.....	17	...	4	...	...	10	...	...	...	...	...	...	133	27	2	162
Ohio	Inside	32	102	...	3	2	8	27	...	...	...	...	...	26	530	......	......	......
	Outside	5	2	...	...	...	...	...	...	...	...	...	...	...	......	56	......	......
Total	....	37	104	...	3	2	8	27	...	...	...	...	...	26	530	56	......	586
Preston	Inside	19	102	10	7	...	...	16	...	...	...	...	...	...	1,218	......	......	......
	Outside	2	10	...	...	...	...	2	...	...	...	...	...	...	......	204	......	......
	Coke Yard	12	7	...	...	...	...	10	...	...	...	...	...	...	......	......	99	......
Total	....	33	119	10	7	...	...	28	...	...	...	...	...	...	1,218	204	99	1,521
Putnam	Inside	119	...	...	1	...	...	...	...	...	...	...	...	...	968	......	......	......
	Outside	30	...	...	...	...	...	...	...	...	...	...	...	...	......	216	......	......
Total	....	149	...	...	1	...	...	...	...	...	...	...	...	...	968	216	......	1,184
Raleigh	Inside	1,357	345	4	98	29	9	159	86	4	...	...	2	...	4,803	......	......	......
	Outside	65	8	...	9	...	...	11	...	...	...	...	...	...	......	841	......	......
Total	....	1,423	353	4	107	29	9	170	86	4	...	...	2	...	4,803	841	......	5,644

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch	Montenegro
Randolph	Inside	246	11	..	..	..	...	...	2	...	5	20	...	...	...	1	5	200	...	41	...
	Outside	57	2	..	..	..	...	...	...	...	...	...	...	...	...	...	...	24	...	...	...
	Coke Yard	1	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	66	...	...	...
Total	....	304	13	..	..	..	...	...	2	...	5	20	...	...	...	1	5	290	...	41	...
Taylor	Inside	310	35	..	4	..	...	...	1	...	7	...	...	...	130	87	1	150	12	15	...
	Outside	140	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...
	Coke Yard	8	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total	....	458	35	..	4	..	...	...	1	...	7	...	...	...	130	87	1	160	12	15	...
Tucker	Inside	274	87	..	..	..	3	...	9	...	4	...	83	1	...	20	6	297	141	...	...
	Outside	66	1	..	..	..	...	...	2	...	...	...	...	...	...	...	...	56	...	...	...
	Coke Yard	1	.	..	..	..	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...
Total	....	341	88	..	..	..	3	...	11	...	4	...	83	1	...	20	6	364	141	...	...
Upshur	Inside	56	9	..	..	..	...	...	...	...	4	...	..	...	...	5	...	23	...	...	...
	Outside	12	8	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
	Coke Yard	10	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...
Total	....	78	17	..	..	..	...	...	...	...	4	...	...	...	...	5	...	25	...	...	...
Wayne	Inside	71	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	......	...	...	...
	Outside	9	...	..	..	..	...	...	..	...	...	...	...	...	...	...	...	......	...	...	...
Total	....	80	...	..	..	..	..	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Wyoming	Inside	24	...	..	..	..	...	...	...	...	..	...	...	...	...	...	...	......	...	...	...
	Outside	9	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...
Total	....	33	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	......	...	...	...

NATIONALITIES OF MINE EMPLOYEES SUMMARIZED.

County	Where Employed	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside	Total Coke Yard	Grand Total
Randolph	Inside	2	53	...	...	...	...	9	...	...	...	...	...	...	595	......	......	......
	Outside	.....	...	...	...	...	...	1	...	...	...	...	...	...	......	84	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	67	......
Total	....	2	53	...	...	...	...	10	...	...	...	...	...	...	595	84	67	746
Taylor	Inside	30	44	52	38	4	...	125	...	...	...	...	...	...	1,045	......	......	......
	Outside	.....	...	...	...	...	...	3	...	...	...	...	...	...	......	153	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	8	......
Total	....	30	44	52	38	4	...	128	...	...	...	...	...	.	1,045	153	8	1,206
Tucker	Inside	55	227	...	31	6	...	79	...	1	...	...	1	...	1,325	......	......	......
	Outside	4	12	...	1	1	...	1	...	...	...	...	...	...	......	144	......	......
	Coke Yard	.....	1	...	...	...	...	...	...	...	...	...	...	...	......	......	13	......
Total	....	59	240	...	32	7	...	80	...	1	...	...	1	...	1,325	144	13	1,482
Upshur	Inside	2	1	...	...	...	...	...	...	...	...	...	...	...	100	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	20	......	......
	Coke Yard	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	......	12	......
Total	....	2	1	...	...	...	...	...	...	...	...	...	...	...	100	20	12	132
Wayne	Inside	.....	...	...	...	...	...	...	...	...	...	...	...	...	71	......	......	......
	Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	......	9	......	......
Total	....	.....	...	...	...	...	...	...	...	...	...	...	...	...	71	9	......	80
Wyoming	Inside	17	...	...	...	...	...	...	...	...	...	...	...	2	43	......	......	......
	Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	......	10	......	......
Total	....	18	...	...	...	...	...	...	...	...	...	...	...	2	43	10	......	53

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
BARBOUR COUNTY.																					
Century Coal Co., The	No. 1	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81	49	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Century Coal Co., The	No. 2	Inside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48	5	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Crawford, H. M. & Co.	Adma	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 37	Inside	111	...	...	...	...	2	...	...	...	...	...	...	...	...	62	...	25	1	...
		Outside	25	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...	...	...	...
Davis Coal & Coke Co., The	Dartmoor No. 4	Inside	134	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Coal & Coke Co., The	Weaver No. 3	Inside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Colliery Co.	Junior No. 4	Inside	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
Gage Coal & Coke Co.	Sara	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Grafton Fuel Co.	Lillian No. 1	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	3	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green, W. H.	Williette	Inside	...	...	...	...	...	...	...	38	...	...	...	...	...	...	...	...	...	...	...
		Outside	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...
Humphreys Coal Co.	Humphreys	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laurel Creek Coal Co.	Laurel Creek	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Luella Coal & Coke Co.	Luella	Inside	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sandridge, Lee J., Coal Co.	Meriden No. 1	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tygarts River Coal Co.	Arden	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			692	...	...	...	...	3	...	41	...	...	...	...	...	1	66	1	210	58	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
BARBOUR COUNTY.																				
Century Coal Co., The	No. 1	Inside			40												219			
		Outside																24		243
Century Coal Co., The	No. 2	Inside															74			
		Outside																14		88
Crawford, H. M. & Co.	Adma	Inside															10			
		Outside																1		11
Consolidation Coal Co., The	No. 37	Inside		38	3					2							244			
		Outside		6														36		280
Davis Coal & Coke Co., The	Dartmoor No. 4	Inside															162			
		Outside																12		174
Davis Coal & Coke Co., The	Weaver No. 3	Inside															4			4
Davis Colliery Co.	Junior No. 4	Inside			9												56			
		Outside																6		
		Coke Yard																	7	69
Gage Coal & Coke Co.	Sara	Inside															31			
		Outside																5		
		Coke Yard																	5	41
Grafton Fuel Co.	Lillian No. 1	Inside		4													39			
		Outside		2												1		10		49
Green, W. H.	Williette	Inside															38			
		Outside																3		41
Humphreys Coal Co.	Humphreys	Inside		4	2												36			
		Outside		1														5		41
Laurel Creek Coal Co.	Laurel Creek	Inside															14			
		Outside																1		15
Luella Coal & Coke Co.	Luella	Inside															38			
		Outside																3		41
Sandridge, Lee J., Coal Co.	Meriden No. 1	Inside		25	2					1						3	66			
		Outside		4														11		77
Tygarts River Coal Co.	Arden	Inside															35			
		Outside																10		45
Total				84	56					3						4	1,066	141	12	1,219

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
BOONE COUNTY.																					
Anchor Coal Co.	No. 1	Inside	23	...	...	...	...	...	...	...	...	...	...	21	...	...	...	...	8	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Coal River Co., The	Ottawa Nos. 1, 2	Inside	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hickory Ash Coal Co., The	Hickory Ash	Inside	83	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Horse Creek Block Coal Co.	Opal No. 1	Inside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Peytona Block Coal Co.	Peytona	Inside	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Seng Creek Coal Co.	Seng Creek	Inside	25	...	...	...	...	...	...	...	...	...	...	4	...	...	...	...	30	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spruce River Coal Co., The	Ramage No. 1	Inside	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Webb Coal Mining Co.	Webb	Inside	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	4	...	...	1	...	...	...	...
Total			467	2	...	...	...	...	...	...	...	...	...	29	...	...	1	...	40	...	...
BRAXTON COUNTY.																					
Copen Creek Coal Co., The	Van With	Inside	10	5	...	...	...	...	...	...	...	2	...	...	...	2	2	...	7	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Colliery Co.	Bower No. 10	Inside	56	8	...	...	...	...	...	5	...	...	1	...	...	...	...	...	30	3	...
		Outside	10	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	...
Davis Colliery Co.	Copen No. 11	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	1	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilmer Consoldated Coal Co.	Braxton	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			147	13	...	...	...	...	...	5	...	3	1	...	...	2	2	...	54	4	...
BROOKE COUNTY.																					
Richland Block Coal Co.	Beech Bottom	Inside	33	24	5	...	...	...	...	...	5	...	...	...	...	...	63	...	6	...	...
		Outside	17	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
BOONE COUNTY.																				
Anchor Coal Co.	No. 1	Inside		25	12												89			
		Outside		1														9		98
Coal River Co., The	Ottawa Nos. 1, 2	Inside		8				1	4								77			
		Outside																5		82
Hickory Ash Coal Co., The	Hickory Ash	Inside															85			
		Outside																10		95
Horse Creek Block Coal Co.	Opal No. 1	Inside															15			
		Outside																6		21
Peytona Block Coal Co.	Peytona	Inside															47			
		Outside																12		59
Seng Creek Coal Co.	Seng Creek	Inside		2													61			
		Outside			1													16		77
Spruce River Coal Co., The	Ramage No. 1	Inside		32													85			
		Outside																10		95
Webb Coal Mining Co.	Webb	Inside															86			
		Outside																12		98
Total				68	13			1	4								545	80		625
BRAXTON COUNTY.																				
Copen Creek Coal Co., The	Van With	Inside			1		1									4	34			
		Outside																4		38
Davis Colliery Co.	Bower No. 10	Inside		6	3					4							116			
		Outside																16		132
Davis Colliery Co.	Copen No. 11	Inside		2													50			
		Outside																6		56
Gilmer Consoldated Coal Co.	Braxton	Inside		1													26			
		Outside																1		27
Total				9	4		1			4						4	226	27		253
BROOKE COUNTY.																				
Richland Block Coal Co.	Beech Bottom	Inside		14	10	5	5		5								175			
		Outside		1														25		200

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
LaBelle Iron Works	LaBelle Shaft	Inside	39	5	..	22	..	..	..	7	...	...	...	...	...	...	1	...	12	...	13
		Outside	5	1	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
West Virginia-Pittsburgh Coal Co.	Gilchrist No. 3	Inside	15	...	..	..	..	..	..	...	...	3	1	...	...	...	12	...	9	...	...
		Outside	12	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1.	Inside	20	25	..	..	..	..	..	...	...	15	...	...	...	5	.....	6	30	...	...
		Outside	28	...	..	..	..	..	..	...	...	1	...	...	...	...	.....	...	10	...	...
West Virginia-Pittsburgh Coal Co.	LaBelle No. 4	Inside	25	...	..	..	..	..	..	1	...	...	...	15	...	...	1	...	18	...	...
		Outside	10	...	..	..	..	..	..	1	...	...	...	...	...	...	1	...	.....	...	...
Total			204	56	5	22	..	..	..	9	5	19	1	15	...	5	80	6	89	...	13
CLAY COUNTY.																					
Elk Manor Coal Co.	Dorfee	Inside	20	...	..	..	..	..	..	...	...	...	...	...	...	...	6	...	6	...	...
		Outside	8	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Elk River Coal & Lumber Co.	Rich Run	Inside	48	36	..	2	..	..	..	...	...	3	12	...	...	8	6	...	24	6	...
		Outside	27	2	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	2	...	...
Elliott Splint Coal Co.	York No. 1	Inside	39	...	..	..	..	..	..	...	...	...	16	...	...	...	.....	...	.....	...	...
		Outside	20	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Queen Shoals Coal Co.	Burnzwell	Inside	35	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	1	...	...
		Outside	10	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Total			207	38	..	2	..	..	..	...	...	3	28	...	...	8	12	...	33	6	...
FAYETTE COUNTY.																					
Ajax Coal Co.	Ajax	Inside	52	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	7	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Alaska Coal & Coke Co.	Alaska	Inside	7	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	4	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Babcock Coal & Coke Co.	Clifftop Nos. 2, 3	Inside	87	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	22	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Coke Yard	11	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Ballinger Coal Co.	No. 1	Inside	37	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	7	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
LaBelle Iron Works	LaBelle Shaft	Inside			34		8	18		3							162			
		Outside						4										10		172
West Virginia-Pittsburgh Coal Co.	Gilchrist No. 3	Inside		2	6					10							58			
		Outside																12		70
West Virginia-Pittsburgh Coal Co.	Locust Grove No. 1	Inside		25	31				35								192			
		Outside		2	9													50		242
West Virginia-Pittsburgh Coal Co.	LaBelle No. 4	Inside		35						10			10				115			
		Outside		2									1					15		130
Total				81	90	5	13	22	40	23			11				702	112		814
CLAY COUNTY.																				
Elk Manor Coal Co.	Dorfee	Inside		21													53			
		Outside																8		61
Elk River Coal & Lumber Co.	Rich Run	Inside		7	4		10										166			
		Outside		1														32		198
Elliott Splint Coal Co.	York No. 1	Inside															55			
		Outside																20		75
Queen Shoals Coal Co.	Burnzwell	Inside															36			
		Outside																10		46
Total				29	4		10										310	70		380
FAYETTE COUNTY.																				
Ajax Coal Co.	Ajax	Inside															52			
		Outside																7		59
Alaska Coal & Coke Co.	Alaska	Inside		9													16			
		Outside																4		20
Babcock Coal & Coke Co.	Clifftop Nos. 2, 3	Inside															87			
		Outside																22		
		Coke Yard		29															40	149
Ballinger Coal Co.	No. 1	Inside		27													64			
		Outside																7		71

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Beechwood Coal & Coke Co.	No. 1	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Beechwood Coal & Coke Co.	No. 2	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Beury Bros. Coal & Coke Co.	Echo	Inside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Big Bend Coal Co.	Big Bend	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blume, G. W. (Estate)	Fayette	Inside	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blume Coal & Coke Co.	Blume	Inside	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Boomer Coal & Coke Co.	No. 1	Inside	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Boomer Coal & Coke Co.	No. 2 North	Inside	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	143	...	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...
Boomer Coal & Coke Co.	No. 2 South	Inside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	87	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
Boomer Coal & Coke Co.	No. 3	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	94	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
Boomer Coal & Coke Co.	No. 4	Inside	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	126	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Boomer Coal & Coke Co.	No. 5	Inside	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Branch Coal & Coke Co.	Elverton	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
		Coke Yard	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
Brown Coal Co.	Brown	Inside	56	...	...	...	...	...	...	2	...	1	...	...	...	...	1	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannelton Coal & Coke Co.	No. 2	Inside	232	...	...	...	...	...	...	...	...	...	...	...	...	...	60	...	4	...	...
		Outside	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannelton Coal & Coke Co.	No. 3	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Beechwood Coal & Coke Co.	No. 1	Inside		35													75			
		Outside																7		82
Beechwood Coal & Coke Co.	No. 2	Inside		8													48			
		Outside																4		52
Beury Bros. Coal & Coke Co.	Echo	Inside		30													45			
		Outside		5														7		52
Big Bend Coal Co.	Big Bend	Inside		14													26			
		Outside		1														4		30
Blume, G. W. (Estate)	Fayette	Inside															46			
		Outside																4		50
Blume Coal & Coke Co.	Blume	Inside		14						1							70			
		Outside		1														6		76
Boomer Coal & Coke Co.	No. 1	Inside		7	1												97			
		Outside																5		102
Boomer Coal & Coke Co.	No. 2 North	Inside		34	5												246			
		Outside		3														40		286
Boomer Coal & Coke Co.	No. 2 South	Inside		14	2												129			
		Outside																22		151
Boomer Coal & Coke Co.	No. 3	Inside		3													114			
		Outside		2														22		136
Boomer Coal & Coke Co.	No. 4	Inside		14	5												188			
		Outside																18		206
Boomer Coal & Coke Co.	No. 5	Inside		15													61			
		Outside																10		71
Branch Coal & Coke Co.	Elverton	Inside					10										60			
		Outside																13		
		Coke Yard																	15	88
Brown Coal Co.	Brown	Inside		45						2							107			
		Outside		5														9		116
Cannelton Coal & Coke Co.	No. 2	Inside		25	6		15										342			
		Outside		9														28		370
Cannelton Coal & Coke Co.	No. 3	Inside															31			
		Outside																2		33

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Cannelton Coal & Coke Co.	No. 4	Inside	62	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	11	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Christian Colliery Co.	Eagle	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...	4	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Christian Colliery Co.	Powellton	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Collins Colliery Co.	Collins	Inside	31	...	...	...	...	...	...	12	...	2	...	...	...	...	3	...	...	...	...
		Outside	8	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2	...	...
Columbus Iron & Steel Co., The	No. 1	Inside	62	10	...	...	...	...	...	...	...	...	...	...	...	5	15	1	14	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deitz Colliery Co.	Deitz	Inside	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dun Glen Coal Co.	Dunglen	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dunn Loop Coal & Coke Co.	Dunloop	Inside	62	...	...	...	...	...	...	6	...	1	...	...	...	...	41	...	22	...	12
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...
Elmo Mining Co., The	Elmo	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ephraim Creek Coal & Coke Co.	Buffalo & Slater	Inside	91	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	12	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...
Eureka Coal Co., The	Eureka	Inside	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Evans & Sons	Great Kanawha	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Export Coal Co.	Export	Inside	31	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fire Creek Coal & Coke Co.	Buffalo	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Fort Defiance Coal & Coke Co.	Fort Defiance	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Cannelton Coal & Coke Co.	No. 4	Inside		8													99			
		Outside																4		103
Christian Colliery Co.	Eagle	Inside		14													59			
		Outside		3														16		75
Christian Colliery Co.	Powellton	Inside		10													25			
		Outside																3		28
Collins Colliery Co.	Collins	Inside		38	20							3					109			
		Outside		7	3													22		131
Columbus Iron & Steel Co., The	No. 1	Inside		12	10	5		1		7							142			
		Outside		7														12		
		Coke Yard		14															15	169
Deitz Colliery Co.	Deitz	Inside		5			4										99			
		Outside																16		115
Dun Glen Coal Co.	Dunglen	Inside															22			
		Outside																4		26
Dunn Loop Coal & Coke Co.	Dunloop	Inside		57	31			2			21						255			
		Outside		8	3													31		286
Elmo Mining Co., The	Elmo	Inside		6													51			
		Outside																4		55
Ephraim Creek Coal & Coke Co.	Buffalo & Slater	Inside		17			41										164			
		Outside																35		199
Eureka Coal Co., The	Eureka	Inside															28			
		Outside																6		34
Evans & Sons	Great Kanawha	Inside		3													13			
		Outside																3		16
Export Coal Co.	Export	Inside		3	1			1									38			
		Outside		1														7		45
Fire Creek Coal & Coke Co.	Buffalo	Inside		28													59			
		Outside		3														11		
		Coke Yard		22	1														27	97
Fort Defiance Coal & Coke Co.	Fort Defiance	Inside		30													74			
		Outside		2														6		80

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Gauley Mountain Coal Co., The	Buck Run	Inside	32	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gauley Mountain Coal Co., The	Nova Scotia and Turkey Creek	Inside	175	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Glendale Colliery Co.	Buck Lick	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Greenwood Coal Co.	Greenwood	Inside	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Harvey Coal & Coke Co.	Harvey	Inside	68	...	...	...	...	...	...	...	...	12	...	...	...	...	10	...	20	...	...
		Outside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hemlock Hollow Coal & Coke Co.	Hemlock	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Holliday Coal Co.	Keeney's Creek	Inside	41	...	...	...	...	...	...	1	3	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Johnson, W. R., Coal Co.	Crescent	Inside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Johnson, W. R., Coal Co.	Oakland	Inside	109	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	5	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Keeney's Creek Colliery Co.	Boone	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Keeney's Creek Colliery Co.	Smokeless	Inside	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laura Mining Co.	Laura	Inside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Laurel Creek Coal Co.	Laurel	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lookout Coal & Coke Co.	Lookout	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Long Branch Coal Co.	No. 2	Inside	99	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Gauley Mountain Coal Co., The	Buck Run	Inside		1	1												37			
		Outside																14		51
Gauley Mountain Coal Co., The	Nova Scotia and Turkey Creek	Inside		40													215			
		Outside		1														45		
		Coke Yard		28															30	290
Glendale Colliery Co	Buck Lick	Inside		4	4			2									32			
		Outside																6		38
Greenwood Coal Co	Greenwood	Inside		59													106			
		Outside		3														36		142
Harvey Coal & Coke Co	Harvey	Inside		40													150			
		Outside																22		172
Hemlock Hollow Coal & Coke Co.	Hemlock	Inside		43													63			
		Outside																8		71
Holliday Coal Co	Keeney's Creek	Inside		2													47			
		Outside																8		55
Johnson, W. R., Coal Co	Crescent	Inside															13			
		Outside																2		15
Johnson, W. R.. Coal Co	Oakland	Inside		12													129			
		Outside																11		140
Keeney's Creek Colliery Co	Boone	Inside		16													51			
		Outside																8		59
Keeney's Creek Colliery Co	Smokeless	Inside		12													62			
		Outside																14		76
Laura Mining Co	Laura	Inside		17													23			
		Outside																3		26
Laurel Creek Coal Co	Laurel	Inside		28													57			
		Outside		2														6		63
Lookout Coal & Coke Co	Lookout	Inside		4													40			
		Outside																6		46
Long Branch Coal Co	No. 2	Inside															100			
		Outside																25		125

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Low Moor Iron Co. of Va., The..	No. 1	Inside	50																		
		Outside	10																		
		Coke Yard.	4																10		
Low Moor Iron Co. of Va., The..	No. 2	Inside	45									1									
		Outside	7																		
Loup Creek Colliery Co.	No. 2	Inside	193	4															68		
		Outside	40																3		
Lynchburg Colliery Co.	Lynchburg	Inside	108													2					
		Outside	20																		
Macdonald Colliery Co.	Macdonald	Inside	22																	2	
		Outside	11																4		
		Coke Yard.																			
McKell Coal & Coke Co.	Derryhale	Inside	9									3					16				1
		Outside	7																		
McKell Coal & Coke Co.	Kilsyth	Inside	109							5									60		
		Outside	10																5		
M. B. Coal & Coke Co.	Elkridge No. 1	Inside	48																12		
		Outside	7																		
M. B. Coal & Coke Co.	Elkridge No. 2	Inside	43																5		
		Outside	12																		
M. B. Coal & Coke Co.	Kimberly No. 3	Inside	29							5											
		Outside	4							1											
M. B. Coal & Coke Co.	Columbia No. 5	Inside	25							2											
		Outside	6																		
Meadow Fork Coal Co.	Meadow Fork	Inside	24														6				
		Outside		2															4		
Mecca Colliery Co.	Diamond	Inside	34														2		4		
		Outside	6																		
Mecca Colliery Co.	Edgewater	Inside	18														4				
		Outside	7																		
Mecca Colliery Co.	Mecca Gas	Inside	25																		
		Outside	8																		
Mecca Colliery Co.	Mecca Splint	Inside	23																		
		Outside	9	1								1									

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.		Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Low Moor Iron Co. of Va., The	No. 1	Inside		60			40										150			
		Outside		10			5											25		
		Coke Yard		3			13												30	205
Low Moor Iron Co. of Va., The	No. 2	Inside		8	2												56			
		Outside																7		63
Loup Creek Colliery Co	No. 2	Inside		47						7							319			
		Outside		10														53		372
Lynchburg Colliery Co	Lynchburg	Inside		10													120			
		Outside																20		140
Macdonald Colliery Co	Macdonald	Inside		39													63			
		Outside		3	2													20		
		Coke Yard		4															4	87
McKell Coal & Coke Co	Derryhale	Inside		19	4				6								58			
		Outside		1														8		66
McKell Coal & Coke Co	Kilsyth	Inside		42	7				5								228			
		Outside		8														23		251
M. B. Coal & Coke Co	Elkridge No. 1	Inside		3						5							68			
		Outside																7		75
M. B. Coal & Coke Co	Elkridge No. 2	Inside		15	5					5							73			
		Outside																12		85
M. B. Coal & Coke Co	Kimberly No. 3	Inside		21													55			
		Outside																5		60
M. B. Coal & Coke Co	Columbia No. 5	Inside		15													42			
		Outside																6		48
Meadow Fork Coal Co	Meadow Fork	Inside		12													42			
		Outside																6		48
Mecca Colliery Co	Diamond	Inside		30			1										71			
		Outside		7														13		84
Mecca Colliery Co	Edgewater	Inside		23			1										46			
		Outside		3														10		56
Mecca Colliery Co	Mecca Gas	Inside		16													41			
		Outside																8		49
Mecca Colliery Co	Mecca Splint	Inside		18													41			
		Outside																11		52

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Employed Where	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Michigan Coal Co.	Michigan	Inside	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Midvale Colliery Co.	Midvale	Inside	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Milburn Coal Co.	No. 1	Inside	12	...	...	...	...	...	...	...	...	20	...	...	...	...	4	...	3	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Mill Creek Colliery Co.	Mill Creek	Inside	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Carbon Co. Ltd, The	Vulcan	Inside	57	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...
		Outside	10	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mount Hope Coal & Coke Co.	Baby	Inside	19	...	...	...	...	...	...	1	...	2	...	...	...	...	...	12	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Newlyn Coal Co.	Newlyn	Inside	5	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New River Collieries Co., The	Sun Nos. 1, 2, 3	Inside	34	...	...	...	...	...	...	17	...	32	...	...	...	...	24	...	4	...	...
		Outside	33	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	31	...	...
New River & Poca Cons. Coal Co.	Layland	Inside	109	17	...	...	...	...	...	2	...	...	...	...	...	...	...	1	103	...	...
		Outside	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
New River & Poca Cons. Coal Co.	Minden No. 2	Inside	80	...	...	...	...	...	...	...	...	9	...	...	...	...	24	...	14	...	27
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New River & Poca Cons. Coal Co.	Minden No. 3	Inside	125	...	...	...	...	...	...	19	...	7	...	1	...	...	11	4	2	...	30
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
New River & Poca Cons. Coal Co.	Minden No. 4	Inside	62	...	...	...	...	...	...	38	1	7	...	...	...	...	3	...	3	...	86
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	4	...	1
New River & Poca Cons. Coal Co.	Minden No. 5	Inside	66	...	...	...	...	...	...	27	...	...	...	...	...	...	13	...	9	...	60
		Outside	10	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	1	...	...
Nichol Colliery Co.	Nichol	Inside	14	...	...	4	...	...	...	2	...	2	...	...	...	...	6	...	4	...	6
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nuttallburg Smokeless Fuel Co.	Nuttallburg	Inside	23	...	...	...	...	...	...	4	...	...	...	...	...	...	3	1	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co.	Hickory Camp	Inside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Michigan Coal Co.	Michigan	Inside						1									28			
		Outside																10		38
Midvale Colliery Co.	Midvale	Inside		5													80			
		Outside																30		110
Milburn Coal Co.	No. 1	Inside			14	6	3			10							72			
		Outside																14		86
Mill Creek Colliery Co.	Mill Creek	Inside															72			72
Mount Carbon Co. Ltd, The	Vulcan	Inside		24				3									87			
		Outside		5														16		
		Coke Yard		29				1											32	135
Mount Hope Coal & Coke Co.	Baby	Inside			18												52			
		Outside																8		60
Newlyn Coal Co.	Newlyn	Inside		13			6										26			
		Outside		1														2		28
New River Collieries Co., The	Sun Nos. 1, 2, 3	Inside		112	12		4	6		8							253			
		Outside		14														80		333
New River & Poca Cons. Coal Co.	Layland	Inside		43	5		38	4		24			13			6	356			
		Outside		13														61		417
New River & Poca Cons. Coal Co.	Minden No. 2	Inside		7	3												164			
		Outside		2														12		176
New River & Poca Cons. Coal Co.	Minden No. 3	Inside		50				2								17	268			
		Outside		3														21		289
New River & Poca Cons. Coal Co.	Minden No. 4	Inside		8													207			
		Outside		4														25		232
New River & Poca Cons. Coal Co.	Minden No. 5	Inside		1													176			
		Outside		2														16		192
Nichol Colliery Co.	Nichol	Inside		16	3												57			
		Outside		1														5		62
Nuttallburg Smokeless Fuel Co.	Nuttallburg	Inside		28				2									61			
		Outside		4														11		
		Coke Yard		8															9	81
Paint Creek Collieries Co.	Hickory Camp	Inside		5													18			
		Outside																4		22

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Prudence Coal Co.	Prudence	Inside	58	...	...	...	...	...	...	...	...	7	...	...	...	...	19	2	5	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quinnimont Coal Co.	Big Q	Inside	66	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ridgeview Coal Co.	Ridgeview	Inside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
River Valley Colliery Co.	Bachman	Inside	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rock Lick Coal Co.	No. 1	Inside	68	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	1	3	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Rock Lick Coal Co.	No. 2	Inside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rothwell Coal Co.	Dubree	Inside	28	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scotia Coal & Coke Co.	Brooklyn	Inside	40	...	...	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scotia Coal & Coke Co.	Redash	Inside	10	1	...	...	...	...	...	1	...	1	...	...	...	...	...	...	2	2	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Scotia Coal & Coke Co.	Rush Run	Inside	25	2	...	...	...	...	...	...	...	1	...	...	...	...	...	...	4	4	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Sewell Colliery Co.	Sugar Camp	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Signal Knob Coal Co.	Signal Knob	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Side Co.	South Side	Inside	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
Solvay Collieries Co.	Kingston No. 1	Inside	86	21	...	...	...	...	...	1	...	18	...	...	...	7	9	...	19	...	...
		Outside	30	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Solvay Collieries Co.	Westerly	Inside	38	5	...	...	...	...	...	...	...	...	...	...	...	...	6	...	15	...	...
		Outside	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...
Star Coal & Coke Co., The	Star	Inside	23	5	...	...	...	...	...	4	...	12	...	...	...	...	17	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Prudence Coal Co.	Prudence	Inside		32	6			2		5							136			
		Outside																16		152
Quinnimont Coal Co.	Big Q.	Inside						1									72			
		Outside																7		79
Ridgeview Coal Co.	Ridgeview	Inside															21			
		Outside																3		24
River Valley Colliery Co.	Bachman	Inside		6													42			
		Outside																4		46
Rock Lick Coal Co.	No. 1	Inside		37	2												115			
		Outside		3														14		129
Rock Lick Coal Co.	No. 2	Inside															9			
		Outside																1		10
Rothwell Coal Co.	Dubree	Inside		16													45			
		Outside		1														7		52
Scotia Coal & Coke Co.	Brooklyn	Inside		30													80			
		Outside		6														12		92
Scotia Coal & Coke Co.	Redash	Inside		6						3							26			
		Outside		1														6		32
Scotia Coal & Coke Co.	Rush Run	Inside		25	2			2									65			
		Outside		5														18		83
Sewell Colliery Co.	Sugar Camp	Inside		37	1												84			
		Outside		2														10		94
Signal Knob Coal Co.	Signal Knob	Inside															25			
		Outside																14		39
South Side Co.	South Side	Inside		27													83			
		Outside		2														7		90
Solvay Collieries Co.	Kingston No. 1	Inside		40	8		11	17									237			
		Outside		3														34		271
Solvay Collieries Co.	Westerly	Inside		20												8	92			
		Outside																21		113
Star Coal & Coke Co., The	Star	Inside		44	25												130			
		Outside		8														15		145

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
St. Clair Colliery Co.	St. Clair and Archer	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stone Cliff Coal & Coke Co.	Stone Cliff	Inside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stuart Colliery Co.	Lochgelly	Inside	20	...	...	...	...	...	...	5	...	1	...	...	...	...	...	...	2	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...
Stuart Colliery Co.	Summerlee	Inside	21	...	...	...	...	...	...	15	...	2	...	...	...	...	...	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	No. 111	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	62	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	No. 112	Inside	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	74	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	No. 114	Inside	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	123	...	...
		Outside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	Nos. 115, 116	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sugar Creek Coal & Coke Co.	Nos. 1, 2	Inside	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Turkey Knob Coal Co.	Turkey Knob	Inside	63	2	...	...	...	...	...	5	...	15	...	...	...	...	4	2	6	...	...
		Outside	15	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
White Oak Fuel Co.	Carlisle	Inside	47	...	...	...	...	...	...	9	...	7	...	...	...	...	19	...	...	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
White Oak Fuel Co.	Scarbro	Inside	74	...	...	...	...	...	...	9	...	...	...	...	...	...	...	...	...	...	...
		Outside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
White Oak Fuel Co.	Whipple	Inside	28	...	...	...	...	...	...	8	...	1	...	...	...	...	...	1	4	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	6,421	86	1	4	...	...	...	209	6	182	...	1	...	14	365	36	1,451	11	223

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro.	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
St. Clair Colliery Co.	St. Clair and Archer	Inside		49												10	137			
		Outside																18		155
Stone Cliff Coal & Coke Co.	Stone Cliff	Inside		25													38			
		Outside		3														6		44
Stuart Colliery Co.	Lochgelly	Inside		30	28												86			
		Outside		6														20		106
Stuart Colliery Co.	Summerlee	Inside		21	20					2					5		86			
		Outside		5														25		111
Sunday Creek Co.	No. 111	Inside		10													133			
		Outside		6														17		
		Coke Yard		35															35	185
Sunday Creek Co.	No. 112	Inside		9													136			
		Outside		6														24		
		Coke Yard		50	10														60	220
Sunday Creek Co.	No. 114	Inside		83													296			
		Outside		25														65		
		Coke Yard		56															56	417
Sunday Creek Co.	Nos. 115, 116	Inside															61			
		Outside		4														12		
		Coke Yard		33															33	106
Sugar Creek Coal & Coke Co.	Nos. 1, 2	Inside		57													76			
		Outside		7														12		88
Turkey Knob Coal Co.	Turkey Knob	Inside		40	8					3						5	153			
		Outside		11														27		
		Coke Yard		11															32	212
White Oak Fuel Co.	Carlisle	Inside		30	21					6							139			
		Outside		3														17		156
White Oak Fuel Co.	Scarbro	Inside			60												143			
		Outside																40		183
White Oak Fuel Co.	Whipple	Inside		10	43												95			
		Outside																18		113
Total				2,794	370	11	192	47	11	121	28	3	13		5	46	10,584	1,649	418	12,651

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
GILMER COUNTY.																					
Gilmer Consolidated Coal Co.	Bracket	Inside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilmer Fuel Co.	Gilmer	Inside	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
McCaa Coal Co.	McCaa	Inside	12	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			82	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	27	...	...
GRANT COUNTY.																					
Buffalo Creek Cumberland C. Co.	No. 1	Inside	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	15
Davis Coal & Coke Co.	Henry No. 22	Inside	20	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jordon, S. H.	Cottage Street	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			125	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	37	...	15
GREENBRIER COUNTY.																					
Elk Lick Coal Co.	Spruce Knob	Inside	...	4	...	9	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
		Outside	...	4	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Total			...	8	...	9	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...
HARRISON COUNTY.																					
Blue Ridge Coal Co.	Thompson	Inside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Byron Coal Co.	Althea	Inside	23	...	...	...	...	...	...	...	...	4	...	...	...	...	4	2	15	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calif Coal Co.	Calif	Inside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	8	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
GILMER COUNTY.																				
Gilmer Consolidated Coal Co.	Bracket	Inside		2													20			
		Outside																2		22
Gilmer Fuel Co.	Gilmer	Inside															63			
		Outside																7		70
McCaa Coal Co.	McCaa	Inside		1	1												16			
		Outside																7		23
Total				3	1												99	16		115
GRANT COUNTY.																				
Buffalo Creek Cumberland C. Co.	No. 1	Inside															72			
		Outside																7		79
Davis Coal & Coke Co.	Henry No. 22	Inside			12		7			8							97			
		Outside																25		122
Jordon, S. H.	Cottage Street	Inside															12			
		Outside																1		13
Total					12		7			8							181	33		214
GREENBRIER COUNTY.																				
Elk Lick Coal Co.	Spruce Knob	Inside				1				7		1					23			
		Outside								2		1						7		30
Total						1				9		1					23	7		30
HARRISON COUNTY.																				
Blue Ridge Coal Co.	Thompson	Inside															11			
		Outside																1		12
Byron Coal Co.	Althea	Inside								6							54			
		Outside																7		61
Calif Coal Co.	Calif	Inside			1		3			1							24			
		Outside																8		32

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Hebrew	Hungarian	Irish	Italian	Lithuanian	Litvitch
Central Fairmont Coal Co.	Snake Hill	Inside	23	...	...	...	...	...	...	...	...	4	...	...	...	...	2	7	5	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clarksburg Gas Coal Co.	McWhorter	Inside	23	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
		Outside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...
Consolidation Coal Co., The	No. 21	Inside	47	1	...	...	...	6	...	...	...	2	...	2	...	...	...	...	21	1	5
		Outside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...
Consolidation Coal Co., The	No. 23	Inside	6	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 25	Inside	23	4	...	...	...	...	...	...	...	...	...	...	...	...	25	...	21	...	...
		Outside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	1	...	...
Consolidation Coal Co., The	No. 27	Inside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 29	Inside	18	2	...	...	...	...	...	...	...	2	...	...	...	...	5	2	4	...	...
		Outside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 32	Inside	24	...	...	...	...	16	...	...	...	7	...	...	...	...	10	...	53	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
Consolidation Coal Co., The	No. 33	Inside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 35	Inside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 39	Inside	21	12	...	...	...	...	...	...	...	...	...	...	...	...	16	...	13	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Consolidation Coal Co., The	No. 40	Inside	20	20	...	...	...	...	...	...	...	...	...	...	...	...	33	4	30	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 42	Inside	30	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	29	...	...
		Outside	12	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...
Consolidation Coal Co., The	No. 44	Inside	8	...	...	...	...	4	...	...	...	...	...	...	...	...	...	...	2	3	6
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 48	Inside	16	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	13	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Consolidation Coal Co., The	No. 49	Inside	41	11	...	...	...	1	...	1	...	1	...	...	...	2	8	...	37	...	...
		Outside	33	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Central Fairmont Coal Co.	Snake Hill	Inside			5								2				48			
		Outside																5		53
Clarksburg Gas Coal Co.	McWhorter	Inside			8												39			
		Outside																4		43
Consolidation Coal Co., The	No. 21	Inside			21		5			1							112			
		Outside																30		
		Coke Yard																	15	157
Consolidation Coal Co., The	No. 23	Inside		3						1							28			
		Outside																3		31
Consolidation Coal Co., The	No. 25	Inside		9			5	1		50			24				162			
		Outside		3				2		3								33		195
Consolidation Coal Co., The	No. 27	Inside			7												40			
		Outside																10		50
Consolidation Coal Co., The	No. 29	Inside		10	4		3			16		1	2				69			
		Outside																17		86
Consolidation Coal Co., The	No. 32	Inside			33		7			4			1				155			
		Outside																35		190
Consolidation Coal Co., The	No. 33	Inside			5		2			2							29			
		Outside					1											7		36
Consolidation Coal Co., The	No. 35	Inside			5		12										84			
		Outside																18		102
Consolidation Coal Co., The	No. 39	Inside															62			
		Outside																14		76
Consolidation Coal Co., The	No. 40	Inside		12		4											123			
		Outside																20		143
Consolidation Coal Co., The	No. 42	Inside			3			1									65			
		Outside			1													15		80
Consolidation Coal Co., The	No. 44	Inside			5					10							38			
		Outside																6		44
Consolidation Coal Co., The	No. 48	Inside			14												44			
		Outside			1													10		54
Consolidation Coal Co., The	No. 49	Inside			10		4										116			
		Outside																35		151

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Consolidation Coal Co., The	No. 50	Inside	15			1						1					12		25		
		Outside	13																4		
Consolidation Coal Co., The	No. 51	Inside	14			1						1					21		69		
		Outside	13																4		
Consolidation Coal Co., The	No. 52	Inside	38							1		6					5		3	3	
		Outside	13																2		
Consolidation Coal Co., The	No. 54	Inside	16	11															9		
		Outside	7																1		
Consolidation Coal Co., The	No. 55	Inside	19	3													7		51		
		Outside	13																		
Consolidation Coal Co., The	No. 58	Inside	14														1	2	5		
		Outside	5											2			1				
Consolidation Coal Co., The	No. 60	Inside	22	8						1							1		4		
		Outside	5																		
Consolidation Coal Co., The	No. 62	Inside	8	1				1		1		1							4	2	2
		Outside	4							1											
Consolidation Coal Co., The	No. 64	Inside	16					2				1					1		32	2	
		Outside	11																1		
Consolidation Coal Co., The	No. 65	Inside	24									1					7	1	52		
		Outside	13																4		
Consolidation Coal Co., The	No. 66	Inside	20	8				2				1					11	1	6		
		Outside	11																3		
Corona Coal & Coke Co	Harold	Inside	37	3						1		2							35		
		Outside	7																3		
Corona Coal & Coke Co	No. 2	Inside	11	5						1							1		18		
		Outside	6							1									1		
Fairmont & Balto Coal & Coke Co.	Fairmont	Inside	27	6								1					1		18		
		Outside	17																		
Fayette Coal Co	Fayette	Inside	40																2		
		Outside																	3		
Francois Coal & Coke Co	Norwood	Inside	5	5								2					4		10		
		Outside	3														1				
Harry B. Coal & Coke Co	Pitcairn	Inside	22									2					7		42		
		Outside	5																8		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Consolidation Coal Co., The	No. 50	Inside			3	5				2							64			
		Outside			1													18		82
Consolidation Coal Co., The	No. 51	Inside		1	2		2	1		3							115			
		Outside																17		132
Consolidation Coal Co., The	No. 52	Inside		1	8					2	2						69			
		Outside		1														16		85
Consolidation Coal Co., The	No. 54	Inside		1	3					3							43			
		Outside								3								11		54
Consolidation Coal Co., The	No. 55	Inside		1	7		5			10							103			
		Outside																13		116
Consolidation Coal Co., The	No. 58	Inside		1	3					18	2						46			
		Outside								3								11		57
Consolidation Coal Co., The	No. 60	Inside															36			
		Outside																5		41
Consolidation Coal Co., The	No. 62	Inside			1	2				7							30			
		Outside																5		35
Consolidation Coal Co., The	No. 64	Inside			6					5							65			
		Outside																12		77
Consolidation Coal Co., The	No. 65	Inside		5						2							92			
		Outside																17		109
Consolidation Coal Co., The	No. 66	Inside			7												56			
		Outside																14		70
Corona Coal & Coke Co	Harold	Inside		5													83			
		Outside																10		93
Corona Coal & Coke Co	No. 2	Inside		5	7		3										51			
		Outside				3					2							13		64
Fairmont & Balto Coal & Coke Co.	Fairmont	Inside			4						1						58			
		Outside																17		75
Fayette Coal Co	Fayette	Inside		2													44			
		Outside																3		47
Francois Coal & Coke Co	Norwood	Inside					7										33			
		Outside					3											7		40
Harry B. Coal & Coke Co	Pitcairn	Inside		5	10					15						5	108			
		Outside											2					15		123

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Harrison Coal Co.	Harrison	Inside	15	10																	
		Outside	4																		
Haywood Coal Mining Co.	Monroe	Inside	13																		
		Outside	5														25		12		
Hero Coal & Coke Co.	Hero	Inside	22																		
		Outside	3																4		
Overholt Coal Co.	Overholt	Inside	13	2																	
Hutchinson Coal Co.	Delta	Inside	19																		
		Outside	9																30		
Hutchinson Coal Co.	Erie	Inside	21																2		
		Outside	18								1						1		78		
Hutchinson Coal Co.	Florence	Inside	12	1		2													9		
		Outside	7																36		1
Hutchinson Coal Co.	Girard	Inside	22																1		
		Outside	10																38		
Hutchinson Coal Co.	Hutchinson	Inside	31	65															7		
		Outside	12	8													10		33		3
Hutchinson Coal Co.	McCandlish	Inside	29														2		5		
		Outside	14													5	6		73		
Hutchinson Coal Co.	York	Inside	4														1		16		
		Outside	2																16		
Hygrade Coal Co.	Page	Inside	9	7															2		
		Outside	9														2		3		
Johnson, McIntire Coal Co.	Gilbert	Inside	7																		
		Outside	5														5		14		
Lambert Run Coal Co.	Clauson	Inside	41																		
		Outside	9																14		
Maderia-Hill-Clark Coal Co.	Goff	Inside	23																1		
		Outside	8														5		26		2
Maderia-Hill-Clark Coal Co.	Randolph	Inside	44																1		
		Outside	19																69		3
Maderia-Hill-Clark Coal Co.	Waldo	Inside	12									1							2		
		Outside	15														10		32		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Harrison Coal Co.	Harrison	Inside														14	39			
		Outside																4		43
Haywood Coal Mining Co.	Monroe	Inside			14												64			
		Outside			1													6		70
Hero Coal & Coke Co.	Hero	Inside															26			
		Outside																3		29
Overholt Coal Co.	Overholt	Inside								6							21			21
Hutchinson Coal Co.	Delta	Inside															49			
		Outside																11		60
Hutchinson Coal Co.	Erie	Inside		2	17					10							130			
		Outside																27		157
Hutchinson Coal Co.	Florence	Inside			2					19							73			
		Outside																8		81
Hutchinson Coal Co.	Girard	Inside			12					20							92			
		Outside			2													19		111
Hutchinson Coal Co.	Hutchinson	Inside									2						144			
		Outside																27		171
Hutchinson Coal Co.	McCandlish	Inside			38												151			
		Outside			1													32		183
Hutchinson Coal Co.	York	Inside															20			
		Outside																4		24
Hygrade Coal Co.	Page	Inside				2											23			
		Outside																9		32
Johnson, McIntire Coal Co.	Gilbert	Inside								8							34			
		Outside																5		39
Lambert Run Coal Co.	Clauson	Inside		1	4						8						68			
		Outside																10		78
Maderia-Hill-Clark Coal Co.	Goff	Inside		3						5							64			
		Outside																9		73
Maderia-Hill-Clark Coal Co.	Randolph	Inside		7	8		3			9							143			
		Outside																22		165
Maderia-Hill-Clark Coal Co.	Waldo	Inside			5												59			
		Outside																15		74

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Granish	Danish	English	French	German	Croatian	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Marion Gas Coal Co.	Bingamon	Inside	24	...	..	..	..	..	..	...	...	...	...	...	...	...	1	...	39	...	...
		Outside	16	...	..	..	..	..	..	...	...	...	...	...	...	...	1	...	4	...	...
Marshall Coal Co.	Marshall	Inside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	5	...	57	...	...
		Outside	13	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	3	...	...
Monongah Fuel Co., The	Gallihue	Inside	9	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	2	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	1	...	...
National Coal Co.	National	Inside	9	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	26	...	...
		Outside	3	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Orr Coal Mining Co.	Miller No. 1	Inside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Orr Coal Mining Co.	Miller No. 2	Inside	25	...	..	..	..	..	..	...	...	...	...	...	...	...	...	2	6	...	...
		Outside	12	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Orr, Shields Coal Co.	Phoenix	Inside	19	6	..	..	..	..	..	...	...	...	...	...	...	4	...	...	5	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Righter Coal & Coke Co.	Righter	Inside	20	2	..	..	..	..	..	...	...	...	...	...	...	...	5	1	35	...	...
		Outside	5	4	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Rosebud Fuel Co.	No. 1	Inside	9	10	..	..	..	..	..	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	4	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Rosebud Fuel Co.	No. 2	Inside	11	10	..	..	..	..	..	...	...	...	...	...	...	...	...	...	20	...	...
		Outside	9	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Templeton Coal Co.	Fowler No. 2	Inside	53	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Vincent Coal Co.	Grasselli	Inside	22	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	6	...	...
		Outside	7	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	8	...	...
Virginia-Maryland Coal Corp.	Willard	Inside	46	...	..	10	..	..	..	...	...	3	...	...	...	...	12	...	32	...	...
		Outside	8	...	..	2	..	..	..	...	...	...	...	...	...	...	3	...	5	...	...
Winchester Coal Co.	Winchester	Inside	13	6	..	..	..	..	..	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Total			2,001	265	..	16	..	32	..	10	1	44	...	4	...	9	286	27	1,570	11	24

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Marion Gas Coal Co.	Bingamon	Inside			4		2			5							75			
		Outside			1													22		97
Marshall Coal Co.	Marshall	Inside				15				10			18				120			
		Outside																16		136
Monongah Fuel Co., The	Gallihue	Inside		2						5							26			
		Outside																3		29
National Coal Co.	National	Inside															35			
		Outside								1								4		39
Orr Coal Mining Co.	Miller No. 1	Inside															15			
		Outside																2		17
Orr Coal Mining Co.	Miller No. 2	Inside		4				4									41			
		Outside																12		53
Orr, Shields Coal Co.	Phoenix	Inside		3						2							39			
		Outside																5		44
Righter Coal & Coke Co.	Righter	Inside			5					8							76			
		Outside																9		85
Rosebud Fuel Co.	No. 1	Inside			5					5							39			
		Outside																4		43
Rosebud Fuel Co.	No. 2	Inside			5		5			4							55			
		Outside																9		64
Templeton Coal Co.	Fowler No. 2	Inside															53			
		Outside																4		57
Vincent Coal Co.	Grasselli	Inside								14							42			
		Outside																15		57
Virginia-Maryland Coal Corp.	Willard	Inside		10	7					31							151			
		Outside																18		169
Winchester Coal Co.	Winchester	Inside			6		10										45			
		Outside																5		50
Total				104	321	44	78	9		331	17	1	49			19	4,237	1,036	15	5,288

NATIONALITIES OF PERSONS EMPLOYED AT THE MIN ES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
KANAWHA COUNTY.																					
Belmont Coal Co.	Belmont	Inside	87	5															2		
		Outside	18																		
Blue Creek Coal & Land Co.	Blakely Nos. 1, 4	Inside	70																		
		Outside	30																		
Blue Creek Coal & Land Co.	Will's Hollow Nos. 1, 2	Inside	45	5																	
		Outside	8																		
Cabin Creek Cons. Coal Co.	Acme	Inside	12																9		
		Outside	17																		
Cabin Creek Cons. Coal Co.	Belleclare	Inside	20									2					2				
		Outside	7																		
Cabin Creek Cons. Coal Co.	Black Tulip	Inside	33							4							2	1	1		
		Outside	6																		
Cabin Creek Cons. Coal Co.	Buckeye	Inside	21									1						1		3	
		Outside	4																		
Cabin Creek Cons. Coal Co.	Caledonia	Inside	5																6		
		Outside	4																		
Cabin Creek Cons. Coal Co.	Cherokee	Inside	20																6		
		Outside	12																		
Cabin Creek Cons. Coal Co.	Davis	Inside	51														6		6		
		Outside	10																		
Cabin Creek Cons. Coal Co.	Empire	Inside	27															1			
		Outside	6																		
Cabin Creek Cons. Coal Co.	Holly	Inside	40	8																	
		Outside	11																		
Cabin Creek Cons. Coal Co.	Kayford	Inside	50	5														2	26		
		Outside	30							2				4				2	8		
Cabin Creek Cons. Coal Co.	Keystone	Inside	7																		
		Outside	3																		
Cabin Creek Cons. Coal Co.	Quarrier	Inside	32																2		
		Outside	14																		
Cabin Creek Cons. Coal Co.	Raccoon No. 1	Inside	30	1								1							13		
		Outside	1											2					1		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
KANAWHA COUNTY.																				
Belmont Coal Co.	Belmont	Inside		5													99			
		Outside																18		117
Blue Creek Coal & Land Co.	Blakely Nos. 1, 4	Inside															70			
		Outside																30		100
Blue Creek Coal & Land Co.	Will's Hollow Nos. 1, 2	Inside															50			
		Outside																8		58
Cabin Creek Cons. Coal Co.	Acme	Inside															21			
		Outside																17		38
Cabin Creek Cons. Coal Co.	Belleclare	Inside			18												42			
		Outside			4													11		53
Cabin Creek Cons. Coal Co.	Black Tulip	Inside		8	4		1				4						58			
		Outside																6		64
Cabin Creek Cons. Coal Co.	Buckeye	Inside		14	5		1	2									48			
		Outside		1														5		53
Cabin Creek Cons. Coal Co.	Caledonla	Inside															11			
		Outside																4		15
Cabin Creek Cons. Coal Co.	Cherokee	Inside		10	6					4							46			
		Outside																12		58
Cabin Creek Cons. Coal Co.	Davis	Inside															63			
		Outside																10		73
Cabin Creek Cons. Coal Co.	Empire	Inside		5	3		4										39			
		Outside																7		46
Cabin Creek Cons. Coal Co.	Holly	Inside															48			
		Outside																11		59
Cabin Creek Cons. Coal Co.	Kayford	Inside		5	2	4	2						3				99			
		Outside		10														56		155
Cabin Creek Cons. Coal Co.	Keystone	Inside															7			
		Outside																3		10
Cabin Creek Cons. Coal Co.	Quarrier	Inside			10		8										52			
		Outside		1														15		67
Cabin Creek Cons. Coal Co.	Raccoon No. 1	Inside		4				1									50			
		Outside		1														5		55

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	Inside	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	Inside	37	...	...	...	...	...	...	...	...	...	...	2	...	...	...	4	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Red Warrior	Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Rose	Inside	17	...	...	...	...	...	...	1	...	...	...	5	...	...	...	...	9	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Cabin Creek Cons. Coal Co.	Ruby	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cabin Creek Cons. Coal Co.	Shamrock	Inside	33	...	...	...	...	...	...	...	...	...	...	3	...	...	...	1	27	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Cabin Creek Cons. Coal Co.	Thistle	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Cabin Creek Cons. Coal Co.	United Gas	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	3	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cabin Creek Cons. Coal Co.	United Splint	Inside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Campbell's Creek Coal Co., The	No. 1	Inside	255	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Campbell's Creek Coal Co., The	No. 3	Inside	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cannelton Coal & Coke Co.	No. 1	Inside	193	4	...	...	...	...	...	...	...	...	...	5	...	...	18	...	2	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon Coal Co.	Low Sulphur	Inside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon Coal Co.	North	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon Coal Co.	South	Inside	20	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	6	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carbon Coal Co.	Splint	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	18	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Chesapeake Mining Co.	No. 1	Inside	38	...	...	...	...	...	...	...	...	2	...	...	...	...	8	...	1	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	Inside		1				5									52			
		Outside																7		59
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	Inside		2				2			1	1					49			
		Outside		1														7		56
Cabin Creek Cons. Coal Co.	Red Warrior	Outside																3		3
Cabin Creek Cons. Coal Co.	Rose	Inside		2	10												44			
		Outside		1														9		53
Cabin Creek Cons. Coal Co.	Ruby	Inside			12												43			
		Outside			2													8		51
Cabin Creek Cons. Coal Co.	Shamrock	Inside		3											1		68			
		Outside		1														7		75
Cabin Creek Cons. Coal Co.	Thistle	Inside		4	4		4										45			
		Outside																5		50
Cabin Creek Cons. Coal Co.	United Gas	Inside					43										58			
		Outside																10		68
Cabin Creek Cons. Coal Co.	United Splint	Inside															49			
		Outside																9		58
Campbell's Creek Coal Co., The	No. 1	Inside		6				3									264			
		Outside																33		297
Campbell's Creek Coal Co., The	No. 3	Inside															81			
		Outside																11		92
Cannelton Coal & Coke Co.	No. 1	Inside		152	4												378			
		Outside		12														25		403
Carbon Coal Co.	Low Sulphur	Inside		16	6												30			
		Outside																3		33
Carbon Coal Co.	North	Inside		4													18			
		Outside																2		20
Carbon Coal Co.	South	Inside		21													49			
		Outside		2														6		55
Carbon Coal Co.	Splint	Inside		34													100			
		Outside		4														12		112
Chesapeake Mining Co.	No. 1	Inside		25						20							94			
		Outside		4														16		110

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Chesapeake Mining Co.	Nos. 2, 3	Inside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coalburgh-Kanawha Coal Co.	"A"	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coalburgh-Kanawha Coal Co.	"B"	Inside	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coalburg Colliery Co.	Ronda	Inside	133	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dry Branch Coal Co.	Belmont and Coalburg	Inside	107	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East Bank Mining Co.	East Bank	Inside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Eureka Coal Co., The	Nos. 1, 3, 4	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Graham, W. W.	Graham	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hackett Coal Co.	Hackett	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hughes Creek Coal Co.	Hugheston	Inside	88	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
Imperial Colliery Co.	No. 1	Inside	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Imperial Colliery Co.	No. 3	Inside	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kelly's Creek Colliery Co.	No. 1	Inside	48	...	...	...	...	...	...	9	...	...	...	...	...	...	58	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kelly's Creek Colliery Co.	No. 3	Inside	130	1	...	...	...	...	...	...	...	...	...	...	...	...	35	...	...	...	...
		Outside	17	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Lewis Coal & Coke Co.	Lewis	Inside	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marmet Coal Co., The	Black Band	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Chesapeake Mining Co.	Nos. 2, 3	Inside					8										41			
		Outside																9		50
Coalburgh-Kanawha Coal Co.	"A"	Inside															31			
		Outside																6		37
Coalburgh-Kanawha Coal Co.	"B"	Inside															56			
		Outside																8		64
Coalburg Colliery Co.	Ronda	Inside															144			
		Outside																20		164
Dry Branch Coal Co.	Belmont and Coalburg	Inside															107			
		Outside																14		121
East Bank Mining Co.	East Bank	Inside															18			
		Outside																1		19
Eureka Coal Co., The	Nos. 1, 3, 4	Inside		29													69			
		Outside																9		78
Graham, W. W.	Graham	Inside															12			
		Outside																1		13
Hackett Coal Co.	Hackett	Inside		6													20			
		Outside																5		25
Hughes Creek Coal Co.	Hugheston	Inside		60													157			
		Outside		5														30		187
Imperial Colliery Co.	No. 1	Inside		28	4												95			
		Outside		2														12		107
Imperial Colliery Co.	No. 3	Inside		28	14												90			
		Outside																16		106
Kelly's Creek Colliery Co.	No. 1	Inside		25	1											1	142			
		Outside																9		151
Kelly's Creek Colliery Co.	No. 3	Inside		23	25		9	1									224			
		Outside																18		242
Lewis Coal & Coke Co.	Lewis	Inside			3												73			
		Outside			1													6		79
Marmet Coal Co., The	Black Band	Inside			1												70			
		Outside																9		79

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Hebrew	Hungarian	Irish	Italian	Lithuanian	Litvitch
Marmet Coal Co., The	Monarch	Inside	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marmet Coal Co., The	New Butler	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mill Creek Cannel Mining Co	Villa	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery Coal Co	No. 1	Inside	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Montgomery Coal Co	No. 2	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Morris Creek Coal Co	Turner No. 2	Inside	27	...	...	...	...	...	...	...	...	1	...	...	...	...	10	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
National Bituminous C. & C. Co.	Coalburg No. 8	Inside	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
National Bituminous C. & C. Co.	No. 2 Gas	Inside	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
National Bituminous C. & C. Co.	No. 5 Splint	Inside	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Olcott Coal & Iron Co	No. 1	Inside	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Olcott Coal & Iron Co	No. 2	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co	Banner	Inside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co	Grose	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	10	...	...
		Outside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co	Knickerbocker	Inside	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co	Paint Creek	Inside	111	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Paint Creek Collieries Co	Reynolds	Inside	125	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Marmet Coal Co., The	Monarch	Inside		10													63			
		Outside																10		73
Marmet Coal Co., The	New Butler	Inside															45			
		Outside																4		49
Mill Creek Cannel Mining Co.	Villa	Inside															25			
		Outside																10		35
Montgomery Coal Co.	No. 1	Inside		13													61			
		Outside		4														19		80
Montgomery Coal Co.	No. 2	Inside		10													31			
		Outside																3		34
Morris Creek Coal Co.	Turner No. 2	Inside				3											41			
		Outside																9		50
National Bituminous C. & C. Co.	Coalburg No. 8	Inside		3													73			
		Outside		5														15		88
National Bituminous C. & C. Co.	No. 2 Gas	Inside											4				74			
		Outside																12		86
National Bituminous C. & C. Co.	No. 5 Splint	Inside		10									2				50			
		Outside																12		62
Olcott Coal & Iron Co.	No. 1	Inside															66			
		Outside																10		76
Olcott Coal & Iron Co.	No. 2	Inside						1									30			
		Outside																8		38
Paint Creek Collieries Co.	Banner	Inside		14				1									48			
		Outside																10		58
Paint Creek Collieries Co.	Grose	Inside		20	20						2						84			
		Outside																17		101
Paint Creek Collieries Co.	Knickerbocker	Inside															52			
		Outside																9		61
Paint Creek Collieries Co.	Paint Creek	Inside		14			12										162			
		Outside		1														20		182
Paint Creek Collieries Co.	Reynolds	Inside															125			
		Outside																25		150

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Paint Creek Collieries Co.	Scranton	Inside	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paint Creek Collieries Co.	Wacomah	Inside	39	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pen Mar Mining Co.	Pen Mar	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Queen Shoals Coal Co.	Queen Shoals	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Quincy Coal Co.	Nos. 1, 2	Inside	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Republic Coal Co.	No. 1	Inside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	6	...	...
		Outside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Republic Coal Co.	No. 2	Inside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	9	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Republic Coal Co.	No. 3	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	5	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Republic Coal Co.	No. 5	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	10	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Southwestern Splint Fuel Co.	Black Cat	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Standard-Kanawha Coal Mng. Co.	Coalridge No. 1	Inside	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Standard-Kanawha Coal Mng. Co.	Acme No. 2	Inside	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Standard Splint & Gas Coal Co.	Standard	Inside	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	No. 101	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Sunday Creek Co.	No. 104	Inside	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunday Creek Co.	No. 105	Inside	100	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...
		Outside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Paint Creek Collieries Co.	Scranton	Inside		27			4										122			
		Outside																20		142
Paint Creek Collieries Co.	Wacomah	Inside		2													51			
		Outside		5														10		61
Pen Mar Mining Co.	Pen Mar	Inside															10			
		Outside																2		12
Queen Shoals Coal Co.	Queen Shoals	Inside															12			
		Outside																2		14
Quincy Coal Co.	Nos. 1, 2	Inside		3													57			
		Outside																10		67
Republic Coal Co.	No. 1	Inside		9													35			
		Outside		2														4		39
Republic Coal Co.	No. 2	Inside															39			
		Outside																3		42
Republic Coal Co.	No. 3	Inside															51			
		Outside																7		58
Republic Coal Co.	No. 5	Inside		10													39			
		Outside																4		43
Southwestern Splint Fuel Co.	Black Cat	Inside															40			
		Outside		2														8		48
Standard-Kanawha Coal Mng. Co.	Coalridge No. 1	Inside															46			
		Outside																10		56
Standard-Kanawha Coal Mng. Co.	Acme' No. 2	Inside															32			
		Outside																8		40
Standard Splint & Gas Coal Co.	Standard	Inside		15	10												100			
		Outside		5														20		120
Sunday Creek Co.	No. 101	Inside		3													44			
		Outside		1														12		56
Sunday Creek Co.	No. 104	Inside		11													65			
		Outside																16		81
Sunday Creek Co.	No. 105	Inside		16													126			
		Outside																17		143

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Sunday Creek Co.	No. 108	Inside	27	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virginia Coal Co.	Nos. 1, 2	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wake Forest Mining Co.	Wake Forest	Inside	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West Virginia Colliery Co.	No. 1	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	4
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West Virginia Colliery Co.	No. 3	Inside	56	...	...	...	...	...	...	...	...	5	...	...	...	...	6	...	26	...	...
		Outside	7	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	7	...	...
West Virginia Colliery Co.	No. 4	Inside	45	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	4	...	...
		Outside	8	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	2	...	...
Winifrede Coal Co.	North	Inside	61	...	...	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Winifrede Coal Co.	South	Inside	61	...	...	...	...	...	...	...	...	3	...	...	...	...	2	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Winifrede Coal Co.	West	Inside	102	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wyatt Coal Co.	Berlin	Inside	45	...	...	...	...	...	...	15	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wyatt Coal Co.	Horton	Inside	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wyatt Coal Co.	Oakley	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			5,261	49	...	...	...	...	...	42	...	15	...	31	...	...	220	24	428	6	4
LEWIS COUNTY.																					
Kroger Gas Coal Co.	Polar	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	5	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...
Total			15	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	5	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Sunday Creek Co.	No. 108	Inside		5													34			
		Outside																3		37
Virginia Coal Co.	Nos. 1, 2	Inside															61			
		Outside																24		85
Wake Forest Mining Co.	Wake Forest	Inside		45	3												84			
		Outside		3														12		96
West Virginia Colliery Co.	No. 1	Inside		43													77			
		Outside		8														15		92
West Virginia Colliery Co.	No. 3	Inside															93			
		Outside																16		109
West Virginia Colliery Co.	No. 4	Inside		9	18												78			
		Outside		1														13		91
Winifrede Coal Co.	North	Inside		18				3		5							90			
		Outside																14		104
Winifrede Coal Co.	South	Inside		24				8									98			
		Outside		1														10		108
Winifrede Coal Co.	West	Inside		22				4									130			
		Outside																12		142
Wyatt Coal Co.	Berlin	Inside		8						15							83			
		Outside		2														11		94
Wyatt Coal Co.	Horton	Inside		4				10									64			
		Outside		6														11		75
Wyatt Coal Co.	Oakley	Inside		4													36			
		Outside		1														8		44
Total				985	192	4	96	54		29	7	1	10		1	1	6,426	1,034		7,460
LEWIS COUNTY.																				
Kroger Gas Coal Co.	Polar	Inside															40			
		Outside																10		50
Total																	40	10		50

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
LINCOLN COUNTY.																					
Branchland Coal Co.	Branchland	Inside	35																		
		Outside	8																		
Guyan Coal Co.	Guyan	Inside	17																		
		Outside	2																		
Total			62																		
LOGAN COUNTY.																					
Amherst Coal Co.	Amherst	Inside	31													35	4		7		
		Outside	18																		
Aracoma Coal Co.	Nos. 1, 2	Inside	48														43	2	19		
		Outside	35															1			
Argyle Coal Co.	Argyle	Inside	12							1		2					1				
		Outside	6																		
Avon Coal Co., The	Avon	Inside	113																		
		Outside	8																		
Black Hawk Colliery Co.	Black Hawk	Inside	15																		
		Outside	5																		
Buffalo Eagle Coal Co.	Buffalo-Eagle	Inside	13														6				
		Outside	25																		
Coal River Coal & Coke Co.	Dobra	Inside	18	1													25				
		Outside	9																		
Coal Valley Mining Co.	Sylvia	Inside	44														2				
		Outside	5																		
Cora Coal & Coke Co.	Cora	Inside	20											3			54				
		Outside	4																1		
Cub Fork Coal Co.	Cub Fork	Inside	13														10				
		Outside	3																		
Crown Coal & Coke Co., The	Crown	Inside	36																1		
		Outside	6																		
Draper Coal & Coke Co.	Draper	Inside	52																		
		Outside	8																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
LINCOLN COUNTY.																				
Branchland Coal Co.	Branchland	Inside		5													40			
		Outside																8		48
Guyan Coal Co.	Guyan	Inside															17			
		Outside																2		19
Total				5													57	10		67
LOGAN COUNTY.																				
Amherst Coal Co.	Amherst	Inside															77			
		Outside																18		95
Aracoma Coal Co.	Nos. 1, 2	Inside		4	10	11											137			
		Outside		1		10												47		184
Argyle Coal Co.	Argyle	Inside		2	2					2							22			
		Outside			1													7		29
Avon Coal Co., The	Avon	Inside															113			
		Outside																8		121
Black Hawk Colliery Co.	Black Hawk	Inside															15			
		Outside																5		20
Buffalo Eagle Coal Co.	Buffalo-Eagle	Inside															19			
		Outside																25		44
Coal River Coal & Coke Co.	Dobra	Inside		4	2												50			
		Outside																9		59
Coal Valley Mining Co.	Sylvia	Inside															46			
		Outside																5		51
Cora Coal & Coke Co.	Cora	Inside		12	5					4							98			
		Outside		3	2													10		108
Cub Fork Coal Co.	Cub Fork	Inside								10							33			
		Outside		5														8		41
Crown Coal & Coke Co., The	Crown	Inside											1				38			
		Outside																6		44
Draper Coal & Coke Co.	Draper	Inside															52			
		Outside		1														9		61

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Eagle Island Coal Co.	Eagle Island	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ethel Coal Co., The	Nos. 1, 1½ and 2	Inside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	81	1	11	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	2	...	...
Fort Branch Coal Corporation	Fort Branch	Inside	44	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Frieze Fork Coal Mining Co.	Frieze Fork	Inside	16	...	...	...	...	...	...	1	...	...	...	...	...	...	...	3	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gay Coal & Coke Co., The	Gay	Inside	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
George's Creek Coal Co. of Md.	George's Creek	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Guyandotte Coal Co.	Kitchen	Inside	35	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Huddleston Coal & Coke Co.	Huddleston	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Johnson, E. R., Coal Co.	Nos. 1 and 2	Inside	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kohinoor Coal & Coke Co.	Kohinoor	Inside	18	10	...	...	...	...	...	2	1	...	...	2	...	...	15	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Logan Coal Co., The	Logan	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Logan Mining Co.	Earling	Inside	27	...	...	...	...	...	...	...	...	...	...	14	...	...	...	3	16	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Coke Yard	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Logan Mining Co.	Manitoba	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Logan Mining Co.	Mona	Inside	8	6	...	...	...	...	...	...	...	...	...	...	...	...	4	...	3	...	...
		Outside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...
Logan Mining Co.	Wanda	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	29	...	...	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Long Flame Coal Co.	Long Flame	Inside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	2	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Eagle Island Coal Co.	Eagle Island	Inside															31			
		Outside																11		42
Ethel Coal Co., The	Nos. 1, 1½ and 2	Inside		22						2							133			
		Outside																20		153
Fort Branch Coal Corporation	Fort Branch	Inside															52			
		Outside																9		61
Frieze Fork Coal Mining Co.	Frieze Fork	Inside				6											26			
		Outside																4		30
Gay Coal & Coke Co., The	Gay	Inside															87			
		Outside																25		112
George's Creek Coal Co. of Md.	George's Creek	Inside								10							30			
		Outside																15		45
Guyandotte Coal Co.	Kitchen	Inside					2										38			
		Outside		4														9		47
Huddleston Coal & Coke Co.	Huddleston	Inside			3					5							35			
		Outside																5		40
Johnson, E. R., Coal Co.	Nos. 1 and 2	Inside															28			
		Outside																7		35
Kohinoor Coal & Coke Co.	Kohinoor	Inside		20	10												78			
		Outside																10		88
Logan Coal Co., The	Logan	Inside			4						12						63			
		Outside																8		71
Logan Mining Co.	Earling	Inside		10						8							78			
		Outside																12		
		Coke Yard																	4	94
Logan Mining Co.	Manitoba	Inside		15	4					10							68			
		Outside			1					1								13		81
Logan Mining Co.	Mona	Inside				4				5							30			
		Outside																26		56
Logan Mining Co.	Wanda	Inside		10													59			
		Outside																12		71
Long Flame Coal Co.	Long Flame	Inside		41													50			
		Outside		11														12		62

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Granish	Danish	English	French	German	Croatian	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Main Island Creek Coal Co.	No. 4	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Manbar Coal Co.	Manbar	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
McGregor Coal Co.	McGregor	Inside	34	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mifflin Coal Co.	No. 1	Inside	24	1	...	...	...	...	...	...	...	...	...	...	...	...	2	...	7	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Monitor Coal & Coke Co.	Nos. 1 & 3 Beechwood	Inside	108	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	68	...	...
		Outside	36	...	...	...	...	...	...	...	...	2	...	...	...	...	3	...	3	...	...
Opperman Coal Co., The	Opperman	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Paragon Colliery Co.	Paragon No. 2	Inside	25	...	...	...	...	...	...	1	...	1	...	...	...	...	8	2	...	...	...
Rex Coal & Coke Co.	Rex	Inside	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rich Creek Coal Co.	Wilburn	Inside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	13	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Shamrock Coal Co.	Litz	Inside	56	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sovereign Coal Co.	Sovereign	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Spruce Bend Coal Co.	Sharples Nos. 1, 2	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	21	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
Spruce Valley Coal Co.	Spruce Valley	Inside	27	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	3	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stone Branch Coal Co.	Stone Branch	Inside	80	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Summers, H. B., Coal Co.	Summers	Inside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sunbeam Coal Co.	No. 1	Inside	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Main Island Creek Coal Co.	No. 4	Inside		7													32			
		Outside		3														8		40
Manbar Coal Co.	Manbar	Inside															29			
		Outside																4		33
McGregor Coal Co.	McGregor	Inside		12													48			
		Outside																8		56
Mifflin Coal Co.	No. 1	Inside		7	18		2			4							65			
		Outside		4	2													22		87
Monitor Coal & Coke Co.	Nos. 1 & 3 Beechwood	Inside		11	31	16					14						276			
		Outside		1														45		321
Opperman Coal Co., The	Opperman	Inside								20							71			
		Outside																10		81
Paragon Colliery Co.	Paragon No. 2	Inside		10	6					4						4	61			61
Rex Coal & Coke Co.	Rex	Inside		7	9												64			
		Outside																9		73
Rich Creek Coal Co.	Wilburn	Inside															26			
		Outside																6		32
Shamrock Coal Co.	Litz	Inside															62			
		Outside																8		70
Sovereign Coal Co.	Sovereign	Inside			5												32			
		Outside																2		34
Spruce Bend Coal Co.	Sharples Nos. 1, 2	Inside		22		5											78			
		Outside		3														17		95
Spruce Valley Coal Co.	Spruce Valley	Inside		20	6												57			
		Outside																8		65
Stone Branch Coal Co.	Stone Branch	Inside															81			
		Outside																15		96
Summers, H. B., Coal Co.	Summers	Inside															26			
		Outside																4		30
Sunbeam Coal Co.	No. 1	Inside															38			
		Outside																11		49

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Thomas, D. C., Coal Co.	Grace	Inside	10	...	..	..	..	..	..	1	...	...	...	...	...	...	...	...	5	...	...
		Outside	...	4	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
United States Coal & Oil Co.	No. 1	Inside	30	...	..	..	..	..	..	2	...	...	...	...	...	...	57	...	57	...	...
		Outside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	1	...	2	...	...
United States Coal & Oil Co.	No. 2	Inside	30	...	..	10	..	..	..	3	...	...	...	...	...	...	44	...	45	...	...
		Outside	18	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
United States Coal & Oil Co.	No. 3	Inside	37	...	..	..	..	..	..	...	...	...	...	...	...	...	29	...	...	...	...
		Outside	11	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
United States Coal & Oil Co.	No. 4	Inside	40	10	..	..	..	..	..	1	...	2	...	...	...	...	30	...	12	...	...
		Outside	9	...	..	..	..	..	..	1	...	...	...	...	...	...	2	...	1	...	...
United States Coal & Oil Co.	Nos. 5, 6	Inside	20	...	..	..	..	..	..	1	...	1	...	...	...	...	7	4	43	...	...
		Outside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
United States Coal & Oil Co.	No. 7	Inside	48	...	..	..	..	..	..	...	...	1	...	...	...	...	47	...	10	...	...
		Outside	19	...	..	..	..	..	..	...	...	...	...	...	...	...	...	1	...	...	...
United States Coal & Oil Co.	No. 8	Inside	68	...	..	..	..	..	..	4	...	1	...	...	...	...	31	...	5	...	...
		Outside	20	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
United States Coal & Oil Co.	Nos. 9, 10	Inside	24	1	..	..	..	..	..	3	...	...	...	...	...	...	7	...	7	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Virginia-Buffalo Coal Co.	Virginia-Buffalo	Inside	28	...	..	..	..	..	..	...	...	...	...	...	...	...	2	...	...	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Wilson, H. T., Coal Co.	Wilson	Inside	70	...	..	..	..	..	..	...	...	...	...	...	...	...	5	...	...	...	...
		Outside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Yuma Coal & Coke Co., The	Yuma	Inside	26	...	..	..	..	..	..	...	...	...	...	...	...	...	11	...	47	...	...
		Outside	9	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Total			2,476	32	..	10	..	..	..	22	1	11	...	27	...	35	644	20	454	...	...
MARION COUNTY.																					
Catawba Coal Co.	Catawba	Inside	15	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	2	...	..	..	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...
Consolidation Coal Co., The	No. 22	Inside	50	6	..	..	..	9	..	...	...	...	...	...	...	2	2	...	80	...	...
		Outside	46	...	..	..	..	..	..	...	...	...	1	...	...	...	...	...	14	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Thomas, D. C., Coal Co.	Grace	Inside				25											41			
		Outside																4		45
United States Coal & Oil Co.	No. 1	Inside		40	30	15	32			5							268			
		Outside		2														20		288
United States Coal & Oil Co.	No. 2	Inside		41	27		10			12	1	2					225			
		Outside		2														20		245
United States Coal & Oil Co.	No. 3	Inside		12	15	5	3				2					2	105			
		Outside		4														15		120
United States Coal & Oil Co.	No. 4	Inside		20			14	2		2	2						135			
		Outside		2														15		150
United States Coal & Oil Co.	Nos. 5, 6	Inside		10						6							92			
		Outside																15		107
United States Coal & Oil Co.	No. 7	Inside		42	8		4			18		3				1	182			
		Outside		6														26		208
United States Coal & Oil Co.	No. 8	Inside		14			25			11	2	1				1	163			
		Outside		4														24		187
United States Coal & Oil Co.	Nos. 9, 10	Inside		12	3		5	1			1					2	66			
		Outside		1														6		72
Virginia-Buffalo Coal Co.	Virginia-Buffalo	Inside															30			
		Outside																5		35
Wilson, H. T., Coal Co.	Wilson	Inside															75			
		Outside																15		90
Yuma Coal & Coke Co., The	Yuma	Inside									4					8	96			
		Outside																9		105
Total				484	208	93	97	3		139	38	6	1			18	3,709	1,107	4	4,820
MARION COUNTY.																				
Catawba Coal Co.	Catawba	Inside															16			
		Outside																2		18
Consolidation Coal Co., The	No. 22	Inside			4		1		1	19				1		2	177			
		Outside			3													64		241

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Consolidation Coal Co., The	No. 24	Inside	50	5				21		2		4		2			27	1		2	
		Outside	33					2		1							1				
Consolidation Coal Co., The	No. 26	Inside	58	1				2						23			1		75	2	
		Outside	33																20		
Consolidation Coal Co., The	No. 28	Inside	28									1					4		23	1	
		Outside	7																6		
Consolidation Coal Co., The	No. 36	Inside	9																100		
		Outside	8																11		
Consolidation Coal Co., The	No. 38	Inside	43	20				1				2		1		5	9	5	45		
		Outside	25																10		
Consolidation Coal Co., The	No. 43	Inside	50	4				25		2		6				9	2	1	48	6	
		Outside	20																4		
		Coke Yard	11																15		
Consolidation Coal Co., The	No. 45	Inside	27														2		6		
		Outside	14																		
Consolidation Coal Co., The	No. 47	Inside	49															3	41		
		Outside	16																14		
Consolidation Coal Co., The	No. 53	Inside	21														5		80		
		Outside	16																		
Consolidation Coal Co., The	No. 56	Inside	34													13		9	79		
		Outside	25																4		
Consolidation Coal Co., The	No. 59	Inside	1																15		
		Outside																	2		
Consolidation Coal Co., The	No. 63	Inside	48	4		3		15		4		9				4		5	45		
		Outside	20																7		
Consolidation Coal Co., The	No. 67	Inside	23					5				4					6		10		
		Outside	12																7		
Consolidation Coal Co., The	No. 68	Inside	33														2		42		
		Outside	12																3		
Consolidation Coal Co., The	No. 84	Inside	20	10									2				7		18		
		Outside	10																5		
Decota Coal & Coke Co	No. 2	Inside	22									5						3	22	8	
		Outside	13																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Consolidation Coal Co., The	No. 24	Inside					4			8							126			
		Outside								3								40		166
Consolidation Coal Co., The	No. 26	Inside		10	12					10							194			
		Outside		1	2													56		250
Consolidation Coal Co., The	No. 28	Inside		7			8										73			
		Outside																13		86
Consolidation Coal Co., The	No. 36	Inside			1												110			
		Outside			1													20		130
Consolidation Coal Co., The	No. 38	Inside			13		3	3		7	1						158			
		Outside			1													36		194
Consolidation Coal Co., The	No. 43	Inside			30		4		2	30			6	3	2		230			
		Outside																24		
		Coke Yard					9			4									39	293
Consolidation Coal Co., The	No. 45	Inside								22							57			
		Outside																14		71
Consolidation Coal Co., The	No. 47	Inside			8												101			
		Outside																30		131
Consolidation Coal Co., The	No. 53	Inside			3		1					4					114			
		Outside																16		130
Consolidation Coal Co., The	No. 56	Inside		7	8			7		10							167			
		Outside		1						1								31		198
Consolidation Coal Co., The	No. 59	Inside			7												23			
		Outside																2		25
Consolidation Coal Co., The	No. 63	Inside		28	15		3			10				41			234			
		Outside																27		261
Consolidation Coal Co., The	No. 67	Inside		1						4							53			
		Outside																19		72
Consolidation Coal Co., The	No. 68	Inside			2					11							90			
		Outside																15		105
Consolidation Coal Co., The	No. 84	Inside		4	7		2			2							72			
		Outside																15		87
Decota Coal & Coke Co.	No. 2	Inside			14			2									76			
		Outside																13		89

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Fairmont & Cleveland Coal Co.	Parker Run	Inside	30	10															20		5
		Outside	10																		
Federal Coal & Coke Co.	Federal	Inside	100	75												40	25		20		
		Outside	30																15		
Four States Coal & Coke Co.	Annabelle	Inside	45	33		6			1	11	2	29	1			62	31	12	43		
		Outside	37	2							2					1			15		
Harry B. Coal Co.	Harry B. & Junior	Inside	15																35		
		Outside		5															5		
Jamison Coal & Coke Co.	No. 7	Inside	60	170						3		2				5	9	2	30		
		Outside	25									2				9		3	30		
Jamison Coal & Coke Co.	No. 8	Inside	10	147						2	8	3					1		70	10	
		Outside	38	3							2	2					1		30		
Jamison Coal & Coke Co.	No. 9	Inside	28	43										3			122		26		18
		Outside	22	3													2		3		
Kilarm Coal & Coke Co.	Nos. 2, 3	Inside	8													1			4		
		Outside		2																	
Manley & Zeek	Manley & Zeek	Inside	2																5		
		Outside	1																		
McCoy Coal Co.	McCoy	Inside	1																		
		Outside	1																		
New Central Coal Co.	Stafford	Inside	39														74		3		
		Outside	28														3				
Phillips Coal Co.	Phillips	Inside	16																		
		Outside		4																	
Robinson Coal Co.	James	Inside	9																		
		Outside	2																		
Virginia & Pittsburg C. & C. Co.	Morgan	Inside	50																		
		Outside	4																		
Virginia & Pittsburg C. & C. Co.	Kingmont	Inside	140																66		
		Outside	20																9		
		Coke Yard																	4		
Total			1,679	543	..	9	..	80	1	25	14	73	4	29	...	151	336	44	1,285	29	23

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Fairmont & Cleveland Coal Co.	Parker Run	Inside			10					4							79			
		Outside																10		89
Federal Coal & Coke Co.	Federal	Inside		70	40		70			20							460			
		Outside																45		505
Four States Coal & Coke Co.	Annabelle	Inside		55	42		78	12		32			21			19	535			
		Outside		1	2		1	1					1					63		598
Harry B. Coal Co.	Harry B. & Junior	Inside			2					5							57			
		Outside																10		67
Jamison Coal & Coke Co.	No. 7	Inside		10	28		80									18	417			
		Outside		2	2		1	2										76		493
Jamison Coal & Coke Co.	No. 8	Inside		1	23		100	6		20							401			
		Outside		3														79		480
Jamison Coal & Coke Co.	No. 9	Inside			12		16			23						8	299			
		Outside																30		329
Kilarm Coal & Coke Co.	Nos. 2, 3	Inside			4		1			3						2	23			
		Outside																2		25
Manley & Zeek	Manley & Zeek	Inside															7			
		Outside																1		8
McCoy Coal Co.	McCoy	Inside					1										2			
		Outside																1		3
New Central Coal Co.	Stafford	Inside		11						9							136			
		Outside																31		167
Phillips Coal Co.	Phillips	Inside															16			
		Outside																4		20
Robinson Coal Co.	James	Inside								1							10			
		Outside																2		12
Virginia & Pittsburg C. & C. Co.	Morgan	Inside			30					10							90			
		Outside								4								8		98
Virginia & Pittsburg C. & C. Co.	Kingmont	Inside		12						10							228			
		Outside																29		
		Coke Yard																	4	261
Total				223	326		374	33	3	296	1	4	28	45	2	49	4,831	828	43	5,702

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitek
MARSHALL COUNTY.																					
Ben Franklin Coal Co. of W. Va.	Panama	Inside	42	24						2		2		3					19		
		Outside	13																		
Glendale Coal Co.	Glendale	Inside	34									6					31				
		Outside	7																		
Hitchman Coal & Coke Co.	Hitchman	Inside	40									12					27				
		Outside	25														5				
Kunz Bros. & Miller	Bogg's Run	Inside	5									4									
		Outside	2																		
Mound Coal Co.	Mound	Inside	33	14						3	2	7	6	9				5	4		
		Outside	12									2									
Parr's Run Coal Co.	Parr's Run	Inside	36																1		
		Outside	18																		
Wheeling Steel & Iron Co.	Benwood	Inside	89			10				6	1	2					1	2	18		
		Outside	24															1	2		
Total			380	38		10				11	3	35	6	12			64	8	44		
MASON COUNTY.																					
Hutchinson Coal Co.	Linden	Inside	126																		
		Outside	14																		
Jackson Coal & Mining Co.	Jackson	Inside	96																		
Newton, J. M. & D. E.	Hartford	Inside	20																		
		Outside	5																		
Total			261																		
McDOWELL COUNTY.																					
Algoma Coal & Coke Co.	Piney—Stone Bank.	Inside	65														8		5	1	
		Outside	28														2		5		
Arlington Coal & Coke Co.	Arlington	Inside	44																30		
		Outside	7																		
		Coke Yard																	1		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
MARSHALL COUNTY.																				
Ben Franklin Coal Co. of W. Va.	Panama	Inside		2	11		12										117			
		Outside																13		130
Glendale Coal Co.	Glendale	Inside			52					35							158			
		Outside																7		165
Hitchman Coal & Coke Co.	Hitchman	Inside			107					90							276			
		Outside			12					8								50		326
Kunz Bros. & Miller	Bogg's Run	Inside			2		2										13			
		Outside																2		15
Mound Coal Co.	Mound	Inside		3	14		16	7		1							124			
		Outside																14		138
Parr's Run Coal Co.	Parr's Run	Inside		4						34							75			
		Outside								2								20		95
Wheeling Steel & Iron Co.	Benwood	Inside			3												132			
		Outside																27		159
Total				9	201		30	7		170							895	133		1,028
MASON COUNTY.																				
Hutchinson Coal Co.	Linden	Inside															126			
		Outside																14		140
Jackson Coal & Mining Co.	Jackson	Inside															96			96
Newton, J. M. & D. E.	Hartford	Inside															20			
		Outside																5		25
Total																	242	19		261
McDOWELL COUNTY.																				
Algoma Coal & Coke Co.	Piney—Stone Bank.	Inside		103	1		9			8							200			
		Outside		13														48		248
Arlington Coal & Coke Co.	Arlington	Inside		52													126			
		Outside		23														30		
		Coke Yard		24															25	181

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Ashland Coal & Coke Co.	Ashland & Monitor.	Inside	96								1						20		60		
		Outside	7																30		
		Coke Yard.	1																		
Black Wolf Coal & Coke Co.	Blackwolf	Inside	32														20				
		Outside	18																		
Bottom Creek Coal & Coke Co.	No. 1	Inside	28				1										18		3		
		Outside	21							2							1		1		
		Coke Yard.	.....																5		
Bottom Creek Coal & Coke Co.	No. 2	Inside	31									1					15		16		
		Outside	.....	11						1											
Buchanan Coal Co.	Buchanan	Inside	27																		
		Outside	3																		
Carter Coal Co.	Caretta	Inside	62														22		20		
		Outside	16																6		
Carter Coal Co.	Nova	Inside	19														4		26		
		Outside	5																		
Carter Coal Co.	Six	Inside	87																50		
		Outside	19																4		
Carter Coal Co.	No. 1 East & West.	Inside	2																4		
		Outside	.....																		
Carter Coal Co.	No. 2 East & West.	Inside	20														3				
		Outside	2																		
Central Poca Coal Co.	Nos. 1, 2	Inside	15																3		
		Outside	6																		
Central West Poca Coal Co., The.	Central West	Inside	14																		
		Outside	1																		
Cirrus Coal & Coke Co.	No. 2	Inside	33														33				
		Outside	10																		
Columbus Poca Coal Co.	Columbia Poca	Inside	16																		
		Outside	3																		
Crozer Coal & Coke Co.	Nos. 1 and 2	Inside	40	3												30	7		12	1	
		Outside	40									1					2		10		
		Coke Yard.	25													8	3				

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Ashland Coal & Coke Co.	Ashland & Monitor.	Inside		30													207			
		Outside		18														55		
		Coke Yard.		20															21	283
Black Wolf Coal & Coke Co.	Blackwolf	Inside		30													82			
		Outside																18		100
Bottom Creek Coal & Coke Co.	No. 1	Inside		73		6				55							184			
		Outside		12														37		
		Coke Yard.		13															18	239
Bottom Creek Coal & Coke Co.	No. 2	Inside		37						21							121			
		Outside		10		2												24		145
Buchanan Coal Co.	Buchanan	Inside															27			
		Outside																3		30
Carter Coal Co.	Caretta	Inside		20						7							131			
		Outside		2														24		155
Carter Coal Co.	Nova	Inside		36													85			
		Outside		3														8		93
Carter Coal Co.	Six	Inside		16						26							179			
		Outside																23		202
Carter Coal Co.	No. 1 East & West.	Inside		6													12			
		Outside		4														4		16
Carter Coal Co.	No. 2 East & West.	Inside		10													33			
		Outside																2		35
Central Poca Coal Co.	Nos. 1, 2	Inside		18													36			
		Outside																6		42
Central West Poca Coal Co., The.	Central West	Inside															14			
		Outside																1		15
Cirrus Coal & Coke Co.	No. 2	Inside		34													100			
		Outside		10														20		120
Columbus Poca Coal Co.	Columbia Poca	Inside											1				17			
		Outside																3		20
Crozer Coal & Coke Co.	Nos. 1 and 2	Inside		96		5	41			80						14	329			
		Outside		17						5								75		
		Coke Yard.		34															70	474

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Davy Poca Coal Co.	No. 1	Inside	30														15				
		Outside	10																		
Davy Poca Coal Co.	No. 2	Inside	18																		
		Outside		2																	
Dry Fork Colliery Co.	Dry Fork	Inside	20														4		23		
		Outside	14																1		
Elkhorn Coal & Coke Co.	Elkhorn	Inside	48									2									
		Outside	15															1	4		
		Coke Yard	4														2		1		
Elk Ridge Coal & Coke Co.	Elk Ridge	Inside	12											11					42		
		Outside	9																4		
		Coke Yard	1																		
Empire Coal & Coke Co., The	Empire	Inside	25														12		24		
		Outside	25																		
		Coke Yard	2																2		
Excelsior Poca Coal Co.	Excelsior 138	Inside	42														3		5		
		Outside	5																7		
Eureka Coal & Coke Co.	Eureka	Inside	40																6		
		Outside	7																1		
		Coke Yard	2																2		
Flanagan Coal Co.	No. 1	Inside	25																	3	
		Outside	5																		
Flanagan Coal Co.	No. 2	Inside	22																	5	
		Outside	5																		
Flat Top Coal Mining Co.	Thomas	Inside	18								4						6				2
		Outside	6														1				
Fortune Hunter Coal Co.	Fortune Hunter	Inside	4																3		
		Outside	2																		
Gilliam Coal & Coke Co.	Gilliam	Inside	45														10				
		Outside	15																		
		Coke Yard	5																7		
Greenbrier Coal & Coke Co.	Greenbrier	Inside	47														2		2		
		Outside	9																2		
		Coke Yard	1																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Davy Poca Coal Co.	No. 1	Inside		4													49			
		Outside																10		59
Davy Poca Coal Co.	No. 2	Inside					2										20			
		Outside																2		22
Dry Fork Colliery Co.	Dry Fork	Inside		15													62			
		Outside		1														16		78
Elkhorn Coal & Coke Co.	Elkhorn	Inside		85			4			28							167			
		Outside		10						6								36		
		Coke Yard		11						4									22	225
Elk Ridge Coal & Coke Co.	Elk Ridge	Inside		65													130			
		Outside		9														22		
		Coke Yard		22															23	175
Empire Coal & Coke Co., The	Empire	Inside		121	13	2	33	8		14							252			
		Outside		21														46		
		Coke Yard		37															41	339
Excelsior Poca Coal Co.	Excelsior 138	Inside		68													118			
		Outside		9														21		139
Eureka Coal & Coke Co.	Eureka	Inside		50			49										145			
		Outside		12														20		
		Coke Yard		21															25	190
Flanagan Coal Co.	No. 1	Inside		5	2		3										38			
		Outside																5		43
Flanagan Coal Co.	No. 2	Inside															27			
		Outside		1														6		33
Flat Top Coal Mining Co.	Thomas	Inside		16	5					3	4						58			
		Outside																7		65
Fortune Hunter Coal Co.	Fortune Hunter	Inside		15													22			
		Outside																2		24
Gilliam Coal & Coke Co.	Gilliam	Inside		113													168			
		Outside		18														33		
		Coke Yard		14															26	227
Greenbrier Coal & Coke Co.	Greenbrier	Inside		61													112			
		Outside		21														32		
		Coke Yard		11															12	156

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Hemphill Colliery Co.	Hemphill	Inside	18																6		
		Outside	4																		
Henrietta-Poca Coal Co.	Henrietta	Inside	26																		
		Outside	4																		
Houston Coal & Coke Co.	Nos. 1, 2	Inside	4														16		4		
		Outside	14																		
		Coke Yard	1									1							1		
Houston Collieries Co.	Huger	Inside	102							2									40		
		Outside	22																5		
		Coke Yard																	16		
Indian Ridge Coal & Coke Co.	Indian Ridge	Inside	5														13		19		
		Outside	9														2				
		Coke Yard																	3		
J. B. B. Coal Co.	No. 1	Inside	45																6		
		Outside	11																		
J. B. B. Coal Co.	No. 2	Inside	48														5				
		Outside	1														1				
J. B. B. Coal Co.	No. 3	Inside	78														1		6		
		Outside	7																		
J. B. B. Coal Co.	No. 4	Inside	120									2					6		1		
		Outside		14															3		
John's Branch Coal Co.	No. 1	Inside	12																		
		Outside	4																		
Keystone Coal & Coke Co.	Keystone	Inside	73									1		10			10		53		
		Outside	9									1							6		
		Coke Yard	1																11		
Kimball-Poca Coal Co.	Virginia	Inside	26																		
		Outside	4																		
King Coal Co., The	King	Inside	14							7							9		91		
		Outside	42							3							2		11		
Lake Superior Coal Co.	No. 1	Inside	38														2	1	10		
		Outside	10																6		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.		Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Hemphill Colliery Co.	Hemphill	Inside		7													31			
		Outside																4		35
Henrietta-Poca Coal Co.	Henrietta	Inside															26			
		Outside																4		30
Houston Coal & Coke Co.	Nos. 1, 2	Inside		44		64				53							185			
		Outside		16														30		
		Coke Yard		67															70	285
Houston Collieries Co.	Huger	Inside		20	4		2	2		8							180			
		Outside		8														35		
		Coke Yard		12															28	243
Indian Ridge Coal & Coke Co.	Indian Ridge	Inside		91													128			
		Outside		8														19		
		Coke Yard		12															15	162
J. B. B. Coal Co.	No. 1	Inside		25													76			
		Outside																11		87
J. B. B. Coal Co.	No. 2	Inside		20													73			
		Outside																2		75
J. B. B. Coal Co.	No. 3	Inside															85			
		Outside		1														8		93
J. B. B. Coal Co.	No. 4	Inside		14	2												145			
		Outside		2														19		164
John's Branch Coal Co.	No. 1	Inside		9													21			
		Outside																4		25
Keystone Coal & Coke Co.	Keystone	Inside		48			25			20							240			
		Outside																16		
		Coke Yard		27															39	295
Kimball-Poca Coal Co.	Virginia	Inside		14													40			
		Outside		1														5		45
King Coal Co., The	King	Inside		105	5					4						4	239			
		Outside		24														82		321
Lake Superior Coal Co.	No. 1	Inside		40	15												106			
		Outside		4														20		126

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Employed Where	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Lake Superior Coal Co.	No. 2	Inside	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Lathrop Coal Co.	Lathrop	Inside	51	5	...	...	...	...	...	2	10	4	...	...	...	...	4	...	10	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lynchburg Coal & Coke Co.	Lynchburg	Inside	35	...	...	...	...	...	...	...	...	...	...	40	...	...	...	...	20	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
McDowell Coal & Coke Co.	McDowell	Inside	27	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	52	...	...
		Outside	36	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
Mohawk Coal & Coke Co.	Mohawk	Inside	48	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	6	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New Poca Coal Co.	Pando	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...	...	...	...	...
New River & Poca Cons. Coal Co.	Berwind No. 1	Inside	24	...	...	...	...	...	...	19	...	...	...	...	...	...	...	...	24	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
New River & Poca Cons. Coal Co.	Berwind No. 2	Inside	15	...	...	...	...	...	...	30	...	...	...	...	...	...	...	...	24	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
New River & Poca Cons. Coal Co.	Berwind No. 3	Inside	48	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	32	...	...
		Outside	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
New River & Poca Cons. Coal Co.	Berwind No. 4	Inside	46	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	30	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...
New River & Poca Cons. Coal Co.	Berwind No. 5	Inside	42	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	26	...	...
		Outside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...
Oregon Coal Co.	Nos. 2, 3, 4	Inside	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Page Coal & Coke Co.	Nos. 1, 2, 3	Inside	59	...	...	...	...	...	...	...	...	5	...	34	...	...	25	9	24	...	...
		Outside	48	...	...	...	...	...	...	...	...	...	...	19	...	...	...	...	24	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	16	...	...	...	...	...	...	...
Panther Coal Co.	Panther	Inside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Lake Superior Coal Co.	No. 2	Inside		20							8						74			
		Outside																9		83
Lathrop Coal Co.	Lathrop	Inside		10			4										100			
		Outside		2														20		120
Lynchburg Coal & Coke Co.	Lynchburg	Inside		55						10							160			
		Outside		15														25		
		Coke Yard		29															30	215
McDowell Coal & Coke Co.	McDowell	Inside		56	4					12							171			
		Outside		27				2										85		
		Coke Yard		18															30	286
Mohawk Coal & Coke Co.	Mohawk	Inside		16													76			
		Outside		1														19		95
New Poca Coal Co.	Pando	Inside		24													44			
		Outside																6		50
New River & Poca Cons. Coal Co.	Berwind No. 1	Inside		17													84			
		Outside		9														23		
		Coke Yard																	56	163
New River & Poca Cons. Coal Co.	Berwind No. 2	Inside		26			23										118			
		Outside		8														23		141
New River & Poca Cons. Coal Co.	Berwind No. 3	Inside			5	18											115			
		Outside																24		139
New River & Poca Cons. Coal Co.	Berwind No. 4	Inside				18											104			
		Outside				6												30		134
New River & Poca Cons. Coal Co.	Berwind No. 5	Inside				27											101			
		Outside																30		131
Oregon Coal Co.	Nos. 2, 3, 4	Inside		25													88			
		Outside		2														34		122
Page Coal & Coke Co.	Nos. 1, 2, 3	Inside		58	5	32											242			
		Outside		36						2								129		
		Coke Yard		19															36	407
Panther Coal Co.	Panther	Inside															23			
		Outside																2		25

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Peerless Coal & Coke Co.	Nos. 1, 2	Inside	71	...	...	...	...	...	...	...	...	...	...	...	...	...	24	...	30	...	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Cons. Collis. Co., Inc.	Angle	Inside	34	...	...	...	...	...	...	...	...	...	...	33	...	...	...	...	136	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
		Coke Yard	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...
Pocahontas Cons. Collis. Co., Inc.	Cherokee	Inside	51	...	...	...	...	...	...	...	...	...	...	...	...	...	48	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Cons. Collis. Co., Inc.	Delta	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	69	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Cons. Collis. Co., Inc.	Lick Branch	Inside	73	...	...	...	...	...	...	...	...	...	...	...	...	...	73	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
		Coke Yard	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14	...	...
Pocahontas Cons. Collis. Co., Inc.	Norfolk	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	45	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
		Coke Yard	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
Pocahontas Cons. Collis. Co., Inc.	No. 6	Inside	78	...	...	...	...	...	...	...	...	...	...	...	...	...	78	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
Pocahontas Cons. Collis. Co., Inc.	No. 7	Inside	63	...	...	...	...	...	...	...	...	...	...	...	...	...	62	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
Pocahontas Cons. Collis. Co., Inc.	No. 8	Inside	66	...	...	...	...	...	...	...	...	...	...	...	...	...	66	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Pocahontas Cons. Collis. Co., Inc.	Rolfe	Inside	65	...	...	...	...	...	...	...	...	...	...	...	...	...	64	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
Pocahontas Cons. Collis. Co., Inc.	Shamokin	Inside	55	...	...	...	...	...	...	...	...	...	...	...	...	...	109	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Domestic Coal Co.	Scorpion	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	20	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Smokeless Coal Co.	Poca Smokeless	Inside	25	...	...	...	...	...	...	...	...	2	...	...	...	...	2	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Powhatan Coal & Coke Co.	Powhatan	Inside	60	...	...	...	...	...	...	...	...	...	...	20	...	...	40	...	40	...	...
		Outside	31	...	...	...	...	...	...	...	...	...	...	10	...	...	1	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Peerless Coal & Coke Co.	Nos. 1, 2	Inside		104	46		48										323	34	41	398
		Outside		10																
		Coke Yard		39																
Pocahontas Cons. Collis. Co., Inc.	Angle	Inside															203	20	35	258
		Outside		5																
		Coke Yard		14																
Pocahontas Cons. Collis. Co., Inc.	Cherokee	Inside		71													170	20		190
		Outside																		
Pocahontas Cons. Collis. Co., Inc.	Delta	Inside					69			35							208	15		223
		Outside		8																
Pocahontas Cons. Collis. Co., Inc.	Lick Branch	Inside		72													218	20	35	273
		Outside		6																
		Coke Yard		14																
Pocahontas Cons. Collis. Co., Inc.	Norfolk	Inside		45													135	15	30	180
		Outside		5																
		Coke Yard		12																
Pocahontas Cons. Collis. Co., Inc.	No. 6	Inside		79													235	60		295
		Outside		20																
Pocahontas Cons. Collis. Co., Inc.	No. 7	Inside		63													188	30		218
		Outside		10																
Pocahontas Cons. Collis. Co., Inc.	No. 8	Inside		66													198	20		218
		Outside		7																
Pocahontas Cons. Collis. Co., Inc.	Rolfe	Inside		64													193	20		213
		Outside		6																
Pocahontas Cons. Collis. Co., Inc.	Shamokin	Inside		54													218	15	25	258
		Outside		8																
		Coke Yard		17																
Pocahontas Domestic Coal Co.	Scorpion	Inside								5							51	4		55
		Outside																		
Pocahontas Smokeless Coal Co.	Poca Smokeless	Inside		20													49	5		54
		Outside																		
Powhatan Coal & Coke Co.	Powhatan	Inside		26													186	46	21	253
		Outside		1																
		Coke Yard		21																

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Premier Poca Collieries Co.	Nos. 1, 2, 3 and 4	Inside	78														60		37		
		Outside	18														4		31		
Pulaski Iron Co.	Nos. 1, 2 and 3	Inside	42								2	2					46		23		
		Outside	28																9		
		Coke Yard	1																17		
Roanoke Coal & Coke Co.	Roanoke	Inside	29														8		18		
		Outside	8																2		
		Coke Yard	1																4		
Shawnee Coal & Coke Co.	Shawnee	Inside	20								1	1					8				
		Outside	12																1		
		Coke Yard	4																		
Solvay Collieries Co.	Big Sandy	Inside	83																		
		Outside	18																		
Solvay Collieries Co.	Marytown	Inside	115														4		4		
		Outside	27																		
Standard Poca Coal Co.	Standard	Inside	21														2		36		
		Outside	19																6		
Superior Poca Coal Co.	Blackstone	Inside	35							4							2		8		
		Outside	7																		
Superior Poca Coal Co.	Cletus	Inside	41											6			2		5		
		Outside	4																		
Superior Poca Coal Co.	Davy Crockett	Inside	36											2					10		
		Outside	8																		
Superior Poca Coal Co.	Helena	Inside	60																6		
		Outside	6																		
Tidewater Coal & Coke Co., The.	Tidewater	Inside	4														20		30		
		Outside	8																		
Turkey Gap Coal & Coke Co.	Turkey Gap	Inside												30							22
		Outside	10																		8
United States Coal & Coke Co.	No. 2	Inside	16														43		17		
		Outside	10														4		3		
United States Coal & Coke Co.	No. 3	Inside	19									6					21		7		
		Outside	10														6		8		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Premier Poca Collieries Co.	Nos. 1, 2, 3 and 4	Inside		42													217			
		Outside		11														64		281
Pulaski Iron Co.	Nos. 1, 2 and 3	Inside		177	14	8						6	2				332			
		Outside		37														74		
		Coke Yard		63															81	487
Roanoke Coal & Coke Co.	Roanoke	Inside		34													89			
		Outside		2														12		
		Coke Yard		11															16	117
Shawnee Coal & Coke Co.	Shawnee	Inside		40	10	13											93			
		Outside		15		1												29		
		Coke Yard		16															20	142
Solvay Collieries Co.	Big Sandy	Inside		8													91			
		Outside		2														20		111
Solvay Collieries Co.	Marytown	Inside		33						3							159			
		Outside		2														29		188
Standard Poca Coal Co.	Standard	Inside		12	32												103			
		Outside		4	1													30		133
Superior Poca Coal Co.	Blackstone	Inside		3													52			
		Outside																7		59
Superior Poca Coal Co.	Cletus	Inside		5			3										62			
		Outside																4		66
Superior Poca Coal Co.	Davy Crockett	Inside		15						3							66			
		Outside																8		74
Superior Poca Coal Co.	Helena	Inside		6													72			
		Outside																6		78
Tidewater Coal & Coke Co., The.	Tidewater	Inside		50			16										120			
		Outside		17														25		145
Turkey Gap Coal & Coke Co.	Turkey Gap	Inside			9	35											96			
		Outside																18		114
United States Coal & Coke Co.	No. 2	Inside		88	6	4	2				1						177			
		Outside		10														27		204
United States Coal & Coke Co.	No. 3	Inside		48	19	1	4			11							139			
		Outside		12														36		175

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
United States Coal & Coke Co...	No. 4	Inside	24									1					57		7		
		Outside	6														3		3		
United States Coal & Coke Co...	No. 5	Inside	18									1					27		21		
		Outside	6														2		5		
United States Coal & Coke Co...	No. 6	Inside	15														61		31		
		Outside	14														10		4		
United States Coal & Coke Co...	No. 7	Inside	33											1			39		23		
		Outside	8														6		5		
United States Coal & Coke Co...	No. 8	Inside	23									2					7	2			
		Outside	6																25		
United States Coal & Coke Co...	No. 9	Inside	84									20		14			72		13		
		Outside	12														8		6		
United States Coal & Coke Co...	No. 10	Inside	30									11		6			37		23		
		Outside	8														6		3		
United States Coal & Coke Co...	No. 11	Inside	49									1					74		5		
		Outside	9														8				
United States Coal & Coke Co...	No. 12	Inside	49											7			6		20		
		Outside	8																5		
Upland Coal & Coke Co.	Upland No. 1	Inside	30														27				
		Outside	11														14				
		Coke Yard	1														4				
Welch Coal & Coke Co.	Welch	Inside	23																		
		Outside	5																		
Vaughan Coal & Coke Co.	Vaughan	Inside	52																		
		Outside	15																		
War Creek Coal Co.	War	Inside								12											
		Outside								4											
West Va. Poca Coal Co.	Leckie Nos. 1, 2	Inside	29											5					63		
		Outside	15																		
Yukon Poca Coal Co.	Yukon	Inside	10														10				
		Outside	6																		
Zenith Coal & Coke Co.	Zenith Nos. 1, 2	Inside	84							1							9		19		
		Outside	22																6		
Total			5,447	25	..	..	1	..	..	91	13	72	...	231	...	38	1,750	13	2,012	10	32

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
United States Coal & Coke Co...	No. 4.............	Inside	..	52	3	8	2	6	...	...	..	..	..	..	..	..	160	.....	.....	......
		Outside ...	..	5	...	...	...	...	...	...	..	..	..	..	..	..	......	17	.....	177
United States Coal & Coke Co...	No. 5.............	Inside	..	26	14	...	6	...	...	12	..	..	..	..	..	..	125	.....	.....	......
		Outside ...	..	5	...	...	...	...	...	...	..	..	..	..	..	..	......	18	.....	143
United States Coal & Coke Co...	No. 6.............	Inside	..	98	14	2	7	...	...	37	9	..	..	..	..	..	274	.....	.....	......
		Outside ...	..	8	8	...	...	...	...	4	..	..	..	..	..	..	......	48	.....	322
United States Coal & Coke Co...	No. 7.............	Inside	..	86	19	2	2	1	...	7	10	..	..	..	..	..	223	.....	.....	......
		Outside ...	..	5	4	...	...	...	...	3	..	..	..	..	..	..	......	31	.....	254
United States Coal & Coke Co...	No. 8.............	Inside	..	24	30	1	17	...	...	10	2	..	..	..	..	..	118	.....	.....	......
		Outside ...	..	12	12	...	...	...	...	...	..	..	..	..	..	..	......	55	.....	173
United States Coal & Coke Co...	No. 9.............	Inside	..	48	26	2	22	...	...	10	..	..	..	..	..	..	311	.....	.....	......
		Outside ...	..	12	10	...	...	...	...	...	..	..	..	..	..	..	......	48	.....	359
United States Coal & Coke Co...	No. 10............	Inside	..	28	9	28	...	...	...	1	..	..	..	..	..	..	173	.....	.....	......
		Outside ...	..	10	...	...	...	...	...	...	..	..	..	..	..	..	......	27	.....	200
United States Coal & Coke Co...	No. 11............	Inside	..	18	7	46	...	...	...	5	..	..	..	..	..	..	205	.....	.....	......
		Outside ...	..	8	...	2	...	...	...	...	..	..	..	..	..	..	......	27	.....	232
United States Coal & Coke Co...	No. 12............	Inside	..	67	2	...	26	...	...	2	..	..	..	..	..	..	179	.....	.....	......
		Outside ...	..	7	...	...	5	...	...	...	..	..	..	..	..	..	......	25	.....	204
Upland Coal & Coke Co........	Upland No. 1......	Inside	..	107	...	...	26	...	...	...	..	..	..	..	..	..	190	.....	.....	......
		Outside ...	..	28	...	...	...	...	...	...	..	..	..	..	..	..	......	53	.....	......
		Coke Yard.	..	12	...	...	...	...	...	...	..	..	..	..	..	..	......	.....	17	269
Welch Coal & Coke Co.........	Welch	Inside	..	9	...	...	...	...	...	...	..	..	..	..	..	..	32	.....	.....	......
		Outside ...	..	2	...	...	...	...	...	...	..	..	..	..	..	..	......	7	.....	39
Vaughan Coal & Coke Co.......	Vaughan	Inside	..	......	...	...	...	...	...	...	..	..	..	..	..	..	52	.....	.....	......
		Outside ...	..	......	...	...	...	...	...	...	..	..	..	..	..	..	......	15	.....	67
War Creek Coal Co............	War	Inside	..	12	...	...	...	...	...	...	..	..	..	..	..	..	24	.....	.....	......
		Outside ...	..	......	...	...	...	...	...	...	..	..	..	..	..	..	......	4	.....	28
West Va. Poca Coal Co.........	Leckie Nos. 1, 2....	Inside	..	26	...	...	...	...	...	...	..	..	..	..	..	..	123	.....	.....	......
		Outside ...	..	......	...	...	...	...	...	...	..	..	..	..	..	..	......	15	.....	138
Yukon Poca Coal Co...........	Yukon	Inside	..	28	...	...	...	...	...	10	..	..	..	..	..	..	58	.....	.....	......
		Outside ...	..	8	...	...	...	...	...	...	..	..	..	..	..	..	......	14	.....	72
Zenith Coal & Coke Co.........	Zenith Nos. 1, 2....	Inside	..	12	2	...	...	...	...	...	..	1	..	..	..	..	128	.....	.....	......
		Outside ...	..	4	...	...	...	...	...	...	..	..	..	..	..	..	......	32	.....	160
Total.....................	....	....	..	5,040	362	292	552	19	...	496	34	7	3	..	..	18	12,577	3,073	908	16,558

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
MERCER COUNTY.																					
American Coal Co.	Crane Creek	Inside	58	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	30	5	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Coke Yard	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
American Coal Co.	Piedmont	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
American Coal Co.	Pinnacle	Inside	42	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	20	5	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23	...	...
		Coke Yard	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
Booth Bowen Coal & Coke Co.	Booth-Bowen	Inside	50	...	...	...	...	...	...	...	...	15	...	...	...	...	8	...	...	...	...
		Outside	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Buckeye Coal & Coke Co.	Buckeye	Inside	76	...	...	...	...	...	...	...	...	1	...	...	...	...	40	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Crystal Coal & Coke Co.	No. 1	Inside	53	...	...	...	...	...	...	...	...	1	...	...	...	...	24	...	9	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crystal Coal & Coke Co.	No. 2	Inside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ennis Coal Co.	Hiawatha	Inside	74	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	23	...	5
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3
Godfrey Coal Co.	Godfrey	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Louisville Coal & Coke Co.	Louisville Nos. 1 & 2, Klondike No. 3 & Goodwill	Inside	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mill Creek Coal & Coke Co.	Coaldale	Inside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
MERCER COUNTY.																				
American Coal Co.	Crane Creek	Inside		40			35			5							175			
		Outside		10														31		
		Coke Yard		25															38	244
American Coal Co.	Piedmont	Inside		63													124			
		Outside		5														12		136
American Coal Co.	Pinnacle	Inside		50			38			5							163			
		Outside		20														63		
		Coke Yard		15															29	255
Booth Bowen Coal & Coke Co.	Booth-Bowen	Inside		40						14							127			
		Outside		11														32		
		Coke Yard		8															14	173
Buckeye Coal & Coke Co.	Buckeye	Inside		53													170			
		Outside		6														15		
		Coke Yard		6															12	197
Crystal Coal & Coke Co.	No. 1	Inside		40						4							131			
		Outside		15														35		
		Coke Yard		33															35	201
Crystal Coal & Coke Co.	No. 2	Inside		22													50			
		Outside		4														10		60
Ennis Coal Co.	Hiawatha	Inside															115			
		Outside																30		145
Godfrey Coal Co.	Godfrey	Inside		10													24			
		Outside		16														22		46
Louisville Coal & Coke Co.	Louisville Nos. 1 & 2, Klondike No. 3 & Goodwill	Inside		65						5							161			
		Outside		14														35		
		Coke Yard		15															16	212
Mill Creek Coal & Coke Co.	Coaldale	Inside		52													83			
		Outside		4														14		
		Coke Yard		4															12	109

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitei
Mill Creek Coal & Coke Co.	East & West, West Fork & Tug River	Inside	82	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Pawama Coal & Coke Co., The	Nos. 1 & 2	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Cons. Colls Co., Inc.	Caswell Creek, Hemlock & Elkhorn	Inside	51	...	...	...	...	...	...	...	...	...	...	...	...	...	51	...	51	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pocahontas Cons. Colls Co., Inc.	Sagamore Nos. 1, 2.	Inside	70	...	...	...	...	...	...	...	...	...	...	...	...	...	70	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...
Pocahontas Cons. Colls Co., Inc.	West	Inside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...
Smokeless Coal & Coke Co.	Smokeless	Inside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Solvay Collieries Co.	Spring	Inside	30	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...	4	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	2	...	...
Thomas Coal Co., The	No. 1	Inside	10	...	...	...	...	...	...	5	...	...	...	...	...	...	10	...	40	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
Thomas Coal Co., The	No. 2	Inside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	5	...	...
		Outside	3	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
Turkey Gap Coal Co.	Wenonah	Inside	66	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	5	...	...
		Outside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
Weyanoke Coal & Coke Co.	Weyanoke & Elihu	Inside	88	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	28	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
Total			1,387	...	...	...	...	...	...	5	...	23	1	5	...	...	262	2	323	10	8
MINERAL COUNTY.																					
Abram's Creek Coal & Coke Co.	No. 1	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	20	...
		Outside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Mill Creek Coal & Coke Co.	East & West, West Fork & Tug River	Inside	...	124	...	...	...	...	...	...	...	...	...	...	...	...	210	...	...	...
		Outside	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	32	...	...
		Coke Yard	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39	281
Pawama Coal & Coke Co., The	Nos. 1 & 2	Inside	...	22	1	...	...	...	...	...	...	...	...	...	...	...	57	...	...	...
		Outside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	69
Pocahontas Cons. Colls. Co., Inc.	Caswell Creek, Hemlock & Elkhorn	Inside	...	52	...	...	...	...	...	...	...	...	...	...	...	...	205	...	...	...
		Outside	...	15	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	235
Pocahontas Cons. Colls Co., Inc.	Sagamore Nos. 1, 2	Inside	...	70	...	...	...	...	...	...	...	...	...	...	...	...	210	...	...	...
		Outside	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	40	...	...
		Coke Yard	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	275
Pocahontas Cons. Colls Co., Inc.	West	Inside	...	5	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...
Smokeless Coal & Coke Co.	Smokeless	Inside	...	18	...	...	...	...	...	...	...	...	...	...	...	...	54	...	...	...
		Outside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	61
Solvay Collieries Co.	Spring	Inside	...	35	...	...	7	...	...	7	...	...	...	...	...	...	88	...	...	...
		Outside	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	108
Thomas Coal Co., The	No. 1	Inside	...	50	...	...	5	...	...	...	...	...	...	...	...	...	120	...	...	...
		Outside	...	14	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...
		Coke Yard	...	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30	168
Thomas Coal Co., The	No. 2	Inside	...	45	...	...	...	...	...	...	...	...	...	...	...	...	71	...	...	...
		Outside	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	80
Turkey Gap Coal Co.	Wenonah	Inside	...	17	...	...	...	...	...	9	...	...	...	...	...	...	116	...	...	...
		Outside	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	146
Weyanoke Coal & Coke Co.	Weyanoke & Elihu	Inside	...	60	1	...	...	...	...	...	...	...	...	...	...	...	179	...	...	...
		Outside	...	10	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	207
Total	...	...	...	1,264	2	...	85	...	...	49	...	...	...	...	...	...	2,619	557	250	3,426
MINERAL COUNTY.																				
Abram's Creek Coal & Coke Co.	No. 1	Inside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	80	...	...	...
		Outside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21	...	101

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Big Vein Coal Co. of W. Va., The	Shaw	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carroll-Cross Coal Co.	Cross	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Carroll-Cross Coal Co.	Imperial	Inside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Coal & Coke Co.	Elk Garden No. 6	Inside	44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Coal & Coke Co.	No. 14	Inside	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	34	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Davis Coal & Coke Co.	No. 19	Inside	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Davis Coal & Coke Co.	No. 20	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Coal & Coke Co.	No. 50	Inside	38	...	...	...	...	...	...	3	...	...	...	...	...	...	...	1	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Coal & Coke Co.	No. 51	Inside	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gleason Coal & Coke Co.	Gleason	Inside	60	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grafton Mining Co.	Western Md.	Inside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hamill Coal & Coke Co.	Smith	Inside	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Masteller Coal Co., The	Hampshire	Inside	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Masteller Coal Co., The	New Creek	Inside	21	...	...	...	...	...	...	...	...	...	...	3	...	...	6	...	11	...	5
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Total			759	...	...	...	...	...	...	3	...	...	...	3	...	...	6	5	77	55	5

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.		Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Big Vein Coal Co. of W. Va., The	Shaw	Inside															30			
		Outside																5		35
Carroll-Cross Coal Co.	Cross	Inside															45			
		Outside																3		48
Carroll-Cross Coal Co.	Imperial	Inside															18			
		Outside																2		20
Davis Coal & Coke Co.	Elk Garden No. 6.	Inside															44			
		Outside																6		50
Davis Coal & Coke Co.	No. 14	Inside															94			
		Outside																9		103
Davis Coal & Coke Co.	No. 19	Inside			12												91			
		Outside																11		102
Davis Coal & Coke Co.	No. 20	Inside															69			
		Outside																8		77
Davis Coal & Coke Co.	No. 50	Inside		1													43			
		Outside																5		48
Davis Coal & Coke Co.	No. 51	Inside		3													74			
		Outside																10		84
Gleason Coal & Coke Co.	Gleason	Inside			15												75			
		Outside																10		85
Grafton Mining Co.	Western Md.	Inside															24			
		Outside																6		30
Hamill Coal & Coke Co.	Smith	Inside															31			
		Outside																6		37
Masteller Coal Co., The	Hampshire	Inside		7								1					60			
		Outside		1														12		72
Masteller Coal Co., The	New Creek	Inside		2													48			
		Outside		1														16		64
Total				15	27							1					826	130		956

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Employed Where	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
MINGO COUNTY.																					
Buffalo Coal Co., The	Buffalo	Inside	107	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Crystal Block Coal & Coke Co.	Winifrede Nos. 1, 2	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	5	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Glen Alum Coal Co.	Glen Alum	Inside	120	...	...	...	...	...	...	...	...	...	...	...	...	...	50	...	89	...	...
		Outside	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
Grey Eagle Coal Co.	Grey Eagle	Inside	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Howard Colliery Co.	Frederick	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Howard Colliery Co.	Howard	Inside	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...
		Outside	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
Howard Junior Coal Co.	Howard Jr.	Inside	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Magnolia Coal & Coke Co.	Magnolia	Inside	47	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Margaret Mining Co.	Margaret	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mary Helen Coal Co.	Mary Helen	Inside	65	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mingo Washed Coal Co.	Mattie May	Inside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Red Jacket Cons. Coal & Coke Co.	Grapevine	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	...
		Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...
Red Jacket Cons. Coal & Coke Co.	Mitchell Branch and Rutherford	Inside	90	...	...	...	...	...	...	...	...	4	...	...	...	...	27	...	37	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	13	...	...
Red Jacket Cons. Coal & Coke Co.	Red Jacket	Inside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	5	...	...
Red Jacket Junior Coal Co.	Red Jacket Jr.	Inside	92	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	...	...
		Outside	.....	...	...	...	...	...	...	...	...	1	...	...	...	...	28	...	...	...	...
Shanklin, Jas. R., Coal Co.	Naugatuck	Inside	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
MINGO COUNTY.																				
Buffalo Coal Co., The	Buffalo	Inside															107			
		Outside																26		133
Crystal Block Coal & Coke Co.	Winifrede Nos. 1, 2	Inside		15	10		7			15							69			
		Outside																12		81
Glen Alum Coal Co.	Glen Alum	Inside		50													309			
		Outside		5														62		371
Grey Eagle Coal Co.	Grey Eagle	Inside															45			
		Outside																10		55
Howard Colliery Co.	Frederick	Inside															61			
		Outside																22		83
Howard Colliery Co.	Howard	Inside															91			
		Outside		1														27		118
Howard Junior Coal Co.	Howard Jr.	Inside		4													100			
		Outside		2				1										21		121
Magnolia Coal & Coke Co.	Magnolia	Inside															47			
		Outside																18		65
Margaret Mining Co.	Margaret	Inside		10													32			
		Outside																8		40
Mary Helen Coal Co.	Mary Helen	Inside		4													70			
		Outside																25		95
Mingo Washed Coal Co.	Mattie May	Inside															16			
		Outside																4		20
Red Jacket Cons. Coal & Coke Co.	Grapevine	Inside		6													74			
		Outside		7														15		89
Red Jacket Cons. Coal & Coke Co.	Mitchell Branch and Rutherford	Inside		24						8	25					2	217			
		Outside						1										46		263
Red Jacket Cons. Coal & Coke Co.	Red Jacket	Inside		11													27			
		Outside																7		34
Red Jacket Junior Coal Co.	Red Jacket Jr.	Inside		16						4	1						151			
		Outside																29		180
Shanklin, Jas. R., Coal Co.	Naugatuck	Inside															72			
		Outside		3														13		85

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Sternberger, E. L., Coal Co.	Sternberger	Inside	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stone Mountain Coal Corp.	Marvin	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	3	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Superior Thacker Coal & Coke Co.	No. 1	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sycamore Coal Co.	Cinderella	Inside	54	...	...	...	1	...	...	...	...	5	...	...	...	...	8	...	1	...	...
		Outside	18	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	15	...	...
Thacker Coal & Coke Co.	Nos. 2, 3, 6, 7, 8, 9	Inside	30	...	...	...	...	...	...	...	...	4	...	...	...	...	67	...	10	...	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	7	...	...
Thacker Coal & Coke Co.	No. 10	Inside	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Thacker Coal & Coke Co.	Nos. 11, 12, 13, 14	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	...	...	...
War Eagle Coal Co.	Mephisto	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
War Eagle Coal Co.	Pappoose	Inside	40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
White Star Mining Co.	Nos. 1, 2	Inside	75	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Williamson Coal & Coke Co.	Winifrede	Inside	97	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			1,877	2	...	...	1	...	...	...	...	16	...	...	...	...	240	...	310	...	...
MONONGALIA COUNTY.																					
Antler Coal Co.	Grant	Inside	25	2	...	...	...	...	...	...	...	...	...	...	...	...	7	...	3	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Connellsville Coal & Coke Co.	Opekiska	Inside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Consolidation Coal Co., The	No. 30	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Sternberger, E. L., Coal Co.	Sternberger	Inside															54			
		Outside																26		80
Stone Mountain Coal Corp.	Marvin	Inside		2													47			
		Outside																9		56
Superior Thacker Coal & Coke Co.	No. 1	Inside		5													25			
		Outside																5		30
Sycamore Coal Co.	Cinderella	Inside		47			11	1		6							134			
		Outside		1														35		169
Thacker Coal & Coke Co.	Nos. 2, 3, 6, 7, 8, 9	Inside		41													152			
		Outside		2														38		190
Thacker Coal & Coke Co.	No. 10	Inside															10			
		Outside																2		12
Thacker Coal & Coke Co.	Nos. 11, 12, 13, 14	Inside		40													97			
		Outside		5														40		137
War Eagle Coal Co.	Mephisto	Inside		16													79			
		Outside																9		88
War Eagle Coal Co.	Pappoose	Inside		20													61			
		Outside																10		71
White Star Mining Co.	Nos. 1, 2	Inside															76			
		Outside																13		89
Williamson Coal & Coke Co.	Winifrede	Inside		25													127			
		Outside																18		145
Total				362	10		18	3		33	26					2	2,338	562		2,900
MONONGALIA COUNTY.																				
Antler Coal Co.	Grant	Inside															37			
		Outside																4		41
Connellsville Coal & Coke Co.	Opekiska	Inside															27			
		Outside																3		30
Consolidation Coal Co., The	No. 30	Inside															26			
		Outside																6		32

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Elkins Coal & Coke Co.	No. 1	Inside	32																75		
		Outside	11																3		
		Coke Yard	15		10														9		
Elkins Coal & Coke Co.	No. 3	Inside	3																14		
		Outside	1																		
Elkins Coal & Coke Co.	No. 5	Inside	24																24		
		Outside	8																2		
Great Scott Coal & Coke Co., The	Great Scott	Inside	6																		
		Outside	1																		
Southern Connellsville Coke Co.	Marion No. 2	Inside	12													6					
		Outside	4																		
Total			183	2	10											6	7		155		
NICHOLAS COUNTY.																					
Coalbell Coal Co.	Trees No. 1	Inside	51																		
		Outside	15																		
Pardee & Curtin Lumber Co.	Mayo	Inside	6																		
Pardee & Curtin Lumber Co.	Panther Creek	Inside	8																		
		Outside	1																		
Saxman Coal Co., The	Nos. 1, 2, 3	Inside	23														10		8		
		Outside	6														1				
		Coke Yard	2																		
Total			112														11		8		
OHIO COUNTY.																					
Creighton, W. F.	Creighton	Inside	3									2									
		Outside	2																		
Elm Grove Coal Co., The	Elm Grove	Inside	18	16										2					3		
		Outside	4																		
Richland Coal Co.	Richland	Inside	36	47	2					3	3	3	8	66		10	2		44	7	
		Outside	29	6												1			1		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Elkins Coal & Coke Co.	No. 1	Inside															107			
		Outside																14		
		Coke Yard		2						9									45	166
Elkins Coal & Coke Co.	No. 3	Inside															17			
		Outside																1		18
Elkins Coal & Coke Co.	No. 5	Inside								40							88			
		Outside																10		98
Great Scott Coal & Coke Co., The	Great Scott	Inside		2													8			
		Outside																1		9
Southern Connellsville Coke Co.	Marion No. 2	Inside								12							30			
		Outside																4		34
Total				4						61							340	43	45	428
NICHOLAS COUNTY.																				
Coalbell Coal Co.	Trees No. 1	Inside					2										53			
		Outside																15		68
Pardee & Curtin Lumber Co.	Mayo	Inside															6			6
Pardee & Curtin Lumber Co.	Panther Creek	Inside															8			
		Outside																1		9
Saxman Coal Co., The	Nos. 1, 2, 3	Inside			13		2			10							66			
		Outside			4													11		
		Coke Yard																	2	79
Total					17		4			10							133	27	2	162
OHIO COUNTY.																				
Creighton, W. F.	Creighton	Inside		1													6			
		Outside																2		8
Elm Grove Coal Co., The	Elm Grove	Inside		10	13												62			
		Outside																4		66
Richland Coal Co.	Richland	Inside		21	89		3	2	8	27						26	407			
		Outside		5	2													44		451

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Hebrew	Hungarian	Irish	Italian	Lithuanian	Litvitch
Storch, Peter & Sons	Storch	Inside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whitaker-Glessner Co.	Carter	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total			153	69	2	...	...	...	...	3	3	5	8	68	...	11	2	...	48	7	...
PRESTON COUNTY.																					
Austen Coal & Coke Co.	No. 1	Inside	95	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Coke Yard	6	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	...
Austin Coal & Coke Co.	No. 2	Inside	17	7	...	...	...	...	...	...	...	3	...	...	...	...	...	...	10	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Borgman Coal Co.	Borgman	Inside	42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Elkins Coal & Coke Co.	No. 2	Inside	34	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
		Coke Yard	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
Elkins Coal & Coke Co.	No. 4	Inside	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	...	...
		Outside	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Elkins Coal & Coke Co.	No. 6	Inside	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	68	...	...
		Outside	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
Elkins Coal & Coke Co.	No. 7	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
Gorman Coal & Coke Co.	No. 2	Inside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9	...	1
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hiorra Coke Co.	Vulcan	Inside	47	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hite Coal & Coke Co.	Dixie	Inside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Irona Coal Co.	No. 2	Inside	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kendall Lumber Co.	Arnold Run	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Storch, Peter & Sons	Storch	Inside															6			6
Whitaker-Glessner Co	Carter	Inside															49			
		Outside																6		55
Total				37	104		3	2	8	27						26	530	56		586
PRESTON COUNTY.																				
Austen Coal & Coke Co	No. 1	Inside					1										118			
		Outside																11		
		Coke Yard																	32	161
Austin Coal & Coke Co	No. 2	Inside					6										43			
		Outside																3		46
Borgman Coal Co	Borgman	Inside		1	1												45			
		Outside																7		52
Elkins Coal & Coke Co	No. 2	Inside		1	60												130			
		Outside			10													26		
		Coke Yard			7														19	175
Elkins Coal & Coke Co	No. 4	Inside		4													74			
		Outside																10		84
Elkins Coal & Coke Co	No. 6	Inside				10											139			
		Outside																24		163
Elkins Coal & Coke Co	No. 7	Inside		10													32			
		Outside		1														6		38
Gorman Coal & Coke Co	No. 2	Inside			5					1							36			
		Outside																10		46
Hiorra Coke Co	Vulcan	Inside			6												59			
		Outside																7		66
Hite Coal & Coke Co	Dixie	Inside			2												27			
		Outside																3		30
Irona Coal Co	No. 2	Inside			7												36			
		Outside																4		40
Kendall Lumber Co	Arnold Run	Inside															10			
		Outside																2		12

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Kingwood Coal Co.	Howesville	Inside	41	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Late, Gordon B., Coal Co.	No. 1	Inside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Preston County Coke Co.	Cascade Nos. 1, 2, 3	Inside	34	...	...	...	...	...	...	...	...	...	...	...	...	6	6	...	23	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7	...	...
		Coke Yard	2	...	...	...	...	...	...	...	...	1	...	...	...	14	7	...	212	...	...
Preston Fuel Co.	No. 1	Inside	27	...	...	...	...	...	...	...	...	1	...	...	...	...	2	...		...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Somerset Smokeless Coal Co.	Tunnelton	Inside	184	...	...	...	...	...	...	...	...	2	...	...	...	...	14	...	...	...	...
		Outside	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Virginia-Maryland Coal Corp.	Scotch Hill	Inside	49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wills, John	No. 4	Inside	14	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	1	...	...
		Outside	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Total	...	...	973	27	...	...	...	...	...	2	...	10	...	...	...	20	29	...	262	...	1
PUTNAM COUNTY.																					
Black Betsey Coal Mining Co.	Black Betsey	Inside	400	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	50	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Oak Forest Coal Co.	Oak Forest	Inside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Otto Marmet Coal & Mng. Co., The	Big Otto Nos. 1, 2, 3	Inside	241	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	112	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plymouth Coal & Mining Co.	Plymouth	Inside	199	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	1,034	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
RALEIGH COUNTY.																					
Bailey Wood Coal Co.	Bailey Wood	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	30	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown.	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Kingwood Coal Co.	Howesville	Inside			13												54			
		Outside																15		69
Late, Gordon B., Coal Co.	No. 1	Inside			3												28			
		Outside																8		36
Preston County Coke Co.	Cascade Nos. 1, 2, 3	Inside		3	5					10							87			
		Outside								2								13		
		Coke Yard		12						10									48	148
Preston Fuel Co.	No. 1	Inside								1							33			
		Outside																12		45
Somerset Smokeless Coal Co.	Tunnelton	Inside								4							204			
		Outside																28		232
Virginia-Maryland Coal Corp.	Scotch Hill	Inside															44			
		Outside		1														12		56
Wills, John	No. 4	Inside															19			
		Outside																3		22
Total				33	119	10	7			28							1,218	204	99	1,521
PUTNAM COUNTY.																				
Black Betsey Coal Mining Co.	Black Betsey	Inside															400			
		Outside		20														70		470
Oak Forest Coal Co.	Oak Forest	Inside															8			
		Outside																4		12
Otto Marmet Coal & Mng. Co., The	Big Otto Nos. 1, 2, 3	Inside		88													329			
		Outside		7														119		448
Plymouth Coal & Mining Co.	Plymouth	Inside		31			1										231			
		Outside		3														23		254
Total				149			1										968	216		1,184
RALEIGH COUNTY.																				
Bailey Wood Coal Co.	Bailey Wood	Inside		9			8			5							82			
		Outside		1														12		94

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Beckley Coal & Coke Co.	Beckley	Inside	56	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...	30	...	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Blue Jay Lumber Co.	No. 4	Inside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Clear Fork Coal Co.	Leevale	Inside	59	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	...	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cranberry Fuel Co.	Cranberry	Inside	31	...	...	...	...	...	...	10	...	...	...	...	...	...	...	...	...	...	...
		Outside	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cranberry Fuel Co.	Sprague	Inside	59	10	...	...	...	...	...	...	...	2	...	1	...	...	...	...	...	...	...
		Outside	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Four States Coal & Coke Co.	Dorothy	Inside	80	...	...	...	...	...	...	1	...	...	...	50	...	...	5	...	3	...	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	15	...	...
Four States Coal & Coke Co.	Sarita	Inside	75	...	...	...	...	...	...	...	...	...	...	63	...	...	3	...	15	...	...
		Outside	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...
Gulf Coal Co.	Nos. 1, 2, 3	Inside	8	2	...	...	...	...	...	...	...	...	...	2	...	...	12	...	1	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...
Gulf Smokeless Coal Co.	Nos. 1, 2, 3	Inside	50	20	...	...	...	...	...	...	...	...	...	...	...	...	15	...	1	...	...
		Outside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
Lanark Coal Co.	Lanark	Inside	18	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Lynwin Coal Co.	Lynwin	Inside	24	6	...	...	...	...	...	7	...	...	...	...	...	...	...	2	8	...	...
		Outside	9	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Mabscott Coal & Coke Co.	Mabscott	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	...	...
		Outside	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Marsh Fork Coal Co.	Marsh Fork	Inside	38	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...
		Outside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
MacAlpin Coal Co.	MacAlpin	Inside	56	2	...	...	...	...	...	2	...	4	...	...	...	...	20	1	5	...	...
		Outside	7	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
McKell Coal & Coke Co.	Graham	Inside	30	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
McKell Coal & Coke Co.	Oswald	Inside	64	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	10	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MIN ES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Beckley Coal & Coke Co.	Beckley	Inside		30	10												136			
		Outside																15		151
Blue Jay Lumber Co.	No. 4	Inside															12			
		Outside																3		15
Clear Fork Coal Co.	Leevale	Inside		12													74			
		Outside																14		88
Cranberry Fuel Co.	Cranberry	Inside		44	30						5						120			
		Outside		1														25		145
Cranberry Fuel Co.	Sprague	Inside		26	6												104			
		Outside					4			10								14		118
Four States Coal & Coke Co.	Dorothy	Inside		38	23						2						202			
		Outside		3														44		246
Four States Coal & Coke Co.	Sarita	Inside		20	16		3										195			
		Outside																35		230
Gulf Coal Co.	Nos. 1, 2, 3	Inside		23			2										50			
		Outside		3														15		65
Gulf Smokeless Coal Co.	Nos. 1, 2, 3	Inside		86	40		10			25							247			
		Outside		5														25		272
Lanark Coal Co.	Lanark	Inside		3							16						39			
		Outside																14		53
Lynwin Coal Co.	Lynwin	Inside		42	8												97			
		Outside			2													16		113
Mabscott Coal & Coke Co.	Mabscott	Inside		36							30						100			
		Outside																12		112
Marsh Fork Coal Co.	Marsh Fork	Inside		5													45			
		Outside																21		66
MacAlpin Coal Co.	MacAlpin	Inside		81	6	4		4		6	6						197			
		Outside		6														18		215
McKell Coal & Coke Co.	Graham	Inside		10	5		2			4							54			
		Outside																9		63
McKell Coal & Coke Co.	Oswald	Inside		23	22					28							137			
		Outside			2													15		152

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
McKell Coal & Coke Co.	Tamroy	Inside	20	...	...	...	...	...	...	2	...	...	...	...	...	...	...	2	35	...	...
		Outside	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...
New River Collieries Co., The	Eccles Nos. 3, 4	Inside	82	4	...	...	...	...	...	13	...	2	...	...	...	...	...	...	3	7	...
		Outside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20	...	...
New River Collieries Co., The	Eccles Nos. 5, 6	Inside	94	1	...	...	...	...	...	4	...	6	...	...	...	...	2	...	57	5	...
		Outside	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...	...
Pemberton Coal & Coke Co.	Affinity	Inside	42	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	7	...	...
		Outside	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pemberton Coal & Coke Co.	Big Stick	Inside	22	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	23	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pemberton Fuel Co.	Pemberton	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	...	...	...
		Outside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Piney Mining Co.	Nos. 1 & 2	Inside	60	...	...	...	...	...	...	9	...	...	...	...	...	...	11	...	8	...	3
		Outside	28	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Piney Mining Co.	No. 3	Inside	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	11
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Piney Mining Co.	No. 4	Inside	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	...	...
		Outside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Price Hill Fuel Co.	Price Hill	Inside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Raleigh Coal & Coke Co.	Nos. 1, 2, & 4	Inside	22	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	4
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Raleigh Coal & Coke Co.	No. 3	Inside	48	...	...	...	...	...	...	2	...	3	...	...	...	...	6	...	...	...	13
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Raleigh Coal & Coke Co.	Nos. 5 & 6	Inside	62	...	...	...	...	...	...	...	...	2	...	3	...	...	19	...	17	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Royal Coal Co.	Royal	Inside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Slab Fork Coal Co.	Nos. 2, 3, 6, 7	Inside	54	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	7	...	...
		Outside	32	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Slab Fork Coal Co.	No. 5	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Stonewall Coal & Coke Co.	No. 2	Inside	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
McKell Coal & Coke Co.	Tamroy	Inside		6				1		2	15						83			
		Outside																18		101
New River Collieries Co., The	Eccles Nos. 3, 4	Inside	9	33	28		2		6	3							192			
		Outside		11														46		238
New River Collieries Co., The	Eccles Nos. 5, 6	Inside	1	68	40		13	4	3	3					2		303			
		Outside		14														67		370
Pemberton Coal & Coke Co.	Affinity	Inside		15						3							70			
		Outside		1						1								15		85
Pemberton Coal & Coke Co.	Big Stick	Inside		60													111			
		Outside		4														15		126
Pemberton Fuel Co.	Pemberton	Inside		12													34			
		Outside																8		42
Piney Mining Co.	Nos. 1 & 2	Inside		35	10			7		2							145			
		Outside		4														33		178
Piney Mining Co.	No. 3	Inside		3							6						44			
		Outside																7		51
Piney Mining Co.	No. 4	Inside		18				12									72			
		Outside																10		82
Price Hill Fuel Co.	Price Hill	Inside		2													12			
		Outside																4		16
Raleigh Coal & Coke Co.	Nos. 1, 2, & 4	Inside		16	8					29							81			
		Outside		2														4		85
Raleigh Coal & Coke Co.	No. 3	Inside		36	4		1	1		4							118			
		Outside		3														7		125
Raleigh Coal & Coke Co.	Nos. 5 & 6	Inside		15	33					21							172			
		Outside			2													12		184
Royal Coal Co.	Royal	Inside		2													23			
		Outside																1		24
Slab Fork Coal Co.	Nos. 2, 3, 6, 7	Inside		118													182			
		Outside		2														35		217
Slab Fork Coal Co.	No. 5	Inside		88													106			
		Outside		1														6		112
Stonewall Coal & Coke Co.	No. 2	Inside		2													10			10

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Stonewall Coal & Coke Co.	Terry	Inside	62	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	6	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Sullivan Coal & Coke Co.	North & South	Inside	35	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	15	...	...
		Outside	10	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	5	...	...
White, B. H.	Comb's Lease	Inside	11	...	..	..	..	..	..	...	...	1	...	...	...	...	.....	...	.....	...	...
		Outside	3	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
White, E. E., Coal Co.	Glen White Nos. 1, 2	Inside	49	3	..	..	..	..	..	8	...	5	...	...	...	...	4	1	58	1	...
		Outside	75	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	3	...	...
White, E. E., Coal Co.	Stotesbury Nos. 1, 3, 5, 6 & 7	Inside	79	...	..	..	..	..	..	1	...	1	...	...	...	...	32	...	7	...	...
		Outside	60	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	30	...	...
Winding Gulf Colliery Co.	No. 2	Inside	52	...	..	..	..	..	..	...	...	7	...	...	...	...	24	...	11	...	...
		Outside	13	...	..	..	..	..	..	...	...	...	...	...	...	...	1	...	.....	...	...
Winding Gulf Colliery Co.		Inside	55	...	..	..	..	..	..	...	...	10	...	...	...	...	15	...	10	...	...
		Outside	17	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Wood Peck Coal Co.	Wood Peck	Inside	28	...	..	..	..	..	..	...	...	...	...	...	...	...	3	...	3	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Wright Coal & Coke Co.	No. 1	Inside	35	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	5	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Wright Coal & Coke Co.	No. 2	Inside	46	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	6	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Total			2,365	52	..	..	..	..	..	64	...	46	...	117	...	...	239	7	514	13	31
RANDOLPH COUNTY.																					
Brady Coal Co.	Klondyke	Inside	29	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	2	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Davis Coal & Coke Co.	Weaver No. 1	Inside	19	...	..	..	..	..	..	...	...	1	...	...	...	...	.....	...	30	...	...
		Outside	6	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Davis Coal & Coke Co.	Weaver No. 2	Inside	65	...	..	..	..	..	..	...	...	1	...	...	...	...	.....	...	25	...	...
		Outside	7	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Davis Colliery Co.	Coalton Nos. 1 & 3.	Inside	42	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	52	...	30
		Outside	9	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	15	...	...
		Coke Yard	.....	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	50	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Stonewall Coal & Coke Co.	Terry	Inside		10													72			
		Outside																6		78
Sullivan Coal & Coke Co.	North & South	Inside		60			20										130			
		Outside		20			5											40		170
White, B. H.	Comb's Lease	Inside		1													13			
		Outside																3		16
White, E. E., Coal Co.	Glen White Nos. 1, 2	Inside		44	45		3			2							214			
		Outside		6	2													86		300
White, E. E., Coal Co.	Stotesbury Nos. 1, 3, 5, 6 & 7	Inside		91	11		12			7	6						247			
		Outside		14														104		351
Winding Gulf Colliery Co.	No. 2	Inside		29			12					4					139			
		Outside																14		153
Winding Gulf Colliery Co.		Inside		45			10			15							160			
		Outside		3														20		180
Wood Peck Coal Co.	Wood Peck	Inside		6													40			
		Outside																5		45
Wright Coal & Coke Co.	No. 1	Inside		15													50			
		Outside																5		55
Wright Coal & Coke Co.	No. 2	Inside															46			
		Outside																6		52
Total			10	1,422	353	4	107	29	9	170	86	4			2		4,803	841		5,644
RANDOLPH COUNTY.																				
Brady Coal Co.	Klondyke	Inside															29			
		Outside																2		31
Davis Coal & Coke Co.	Weaver No. 1	Inside															50			
		Outside																6		56
Davis Coal & Coke Co.	Weaver No. 2	Inside		2	11												104			
		Outside																7		111
Davis Colliery Co.	Coalton Nos. 1 & 3	Inside			15					9							148			
		Outside								1								25		
		Coke Yard																	50	223

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Davis Colliery Co.	Coaling Station No. 5	Inside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Davis Colliery Co.	Harding No. 3	Inside	18	5	...	...	...	...	...	...	...	...	11	...	...	...	...	1	36	...	6
		Outside	12	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	4	...	...
		Coke Yard	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16	...	...
Davis Colliery Co.	Sivad No. 2	Inside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25	...	5
		Outside	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Green, W. H., Coal Co.	Leroy	Inside	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jenkins, J. B., Coal & Coke Co., The	Ariana	Inside	16	...	...	...	...	...	...	1	...	...	9	...	...	...	...	...	17	...	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...
Rich Mountain Coal Co.	Beech Creek	Inside	6	4	...	...	...	...	...	...	...	3	...	...	...	...	...	2	5	...	...
		Outside	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Rich Mountain Coal Co.	Hartridge	Inside	8	2	...	...	...	...	...	...	...	...	...	...	...	...	...	2	11	...	...
		Outside	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
W. Va. Pulp & Paper Co.	Hopkins	Inside	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Outside	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	...	301	13	...	...	...	...	...	2	...	5	20	...	...	...	1	5	290	...	41
TAYLOR COUNTY.																					
Davis, T. B.	T. B. Davis	Inside	37	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
		Outside	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Grafton Coal & Coke Co.	Sandlick	Inside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	5	...	8	2	...
		Outside	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Maryland Coal Co. of W. Va.	Wendel Nos. 1, 2, 4	Inside	55	30	...	4	...	...	...	...	...	2	...	...	...	130	49	...	90	...	...
		Outside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	...	...
McGraw Coal Co.	New York No 1	Inside	22	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	21	...	...
		Outside	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pittsvein Coal Co.	No. 4	Inside	49	5	...	...	...	...	...	...	...	...	...	...	...	...	5	...	5	...	...
		Outside	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rosemont Coal Co.	Rosemont	Inside	66	...	...	...	...	...	...	...	...	4	...	...	...	...	21	...	23	10	...
		Outside	35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Davis Colliery Co.	Coaling Station No. 5	Inside															12			
		Outside																1		13
Davis Colliery Co.	Harding No. 3	Inside			12												89			
		Outside																17		
		Coke Yard																	17	123
Davis Colliery Co.	Sivad No. 2	Inside			5												40			
		Outside																5		45
Green, W. H., Coal Co.	Leroy	Inside															10			10
Jenkins, J. B., Coal & Coke Co., The	Ariana	Inside			10												53			
		Outside																10		63
Rich Mountain Coal Co.	Beech Creek	Inside															20			
		Outside																3		23
Rich Mountain Coal Co.	Hartridge	Inside															23			
		Outside																4		27
W. Va. Pulp & Paper Co.	Hopkins	Inside															17			
		Outside																4		21
Total				2	53					10							595	84	67	746
TAYLOR COUNTY.																				
Davis, T. B.	T. B. Davis	Inside					3			11							52			
		Outside																11		63
Grafton Coal & Coke Co.	Sandlick	Inside								11							40			
		Outside																7		47
Maryland Coal Co. of W. Va.	Wendel Nos. 1, 2, 4	Inside			15	52	10	4		26							467			
		Outside								3								48		515
McGraw Coal Co.	New York No 1	Inside			2		7			13							69			
		Outside																14		83
Pittsvein Coal Co.	No. 4	Inside			5		5			15							89			
		Outside																21		110
Rosemont Coal Co.	Rosemont	Inside		30	11		13			49							227			
		Outside																35		262

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Sterling Coal & Coke Co.	Cecil	Inside	22																		
		Outside	4																		
Sunnyside Coal Co.	Sunnyside	Inside	30														6		2		
		Outside	5																		
Winona Coal & Coke Co.	No. 2	Inside	15																		15
		Outside	8																		
		Coke Yard	8																		
Total			458	35		4				1		7				130	87	1	160	12	15
TUCKER COUNTY.																					
Cooper, J. Calvin	Cooper	Inside	8																		
Cumberland Coal Co.	No. 1	Inside	13							1									46		
		Outside	3																10		
		Coke Yard	1																11		
Cumberland Coal Co.	No. 2	Inside	3																40		
		Outside	3																9		
Cumberland Coal Co.	No. 6	Inside	5																15		
		Outside	3																5		
Davis Coal & Coke Co.	No. 23	Inside	31					3		2			29					2	8	64	
		Outside	16																1		
Davis Coal & Coke Co.	No. 24	Inside	12											1			3				
		Outside	1																2		
Davis Coal & Coke Co.	No. 25	Inside	11									2	35						16	27	
		Outside	4																1		
Davis Coal & Coke Co.	No. 26	Inside	1	1													4		19		
		Outside																	4		
Davis Coal & Coke Co.	No. 34	Inside	14										5						2	4	
		Outside	1																1		
Davis Coal & Coke Co.	No. 35	Inside	7	2						3								1			
		Outside	1																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Sterling Coal & Coke Co.	Cecil	Inside															22			
		Outside																4		26
Sunnyside Coal Co.	Sunnyside	Inside															38			
		Outside																5		43
Winona Coal & Coke Co.	No. 2	Inside			11												41			
		Outside																8		
		Coke Yard																	8	57
Total				30	44	52	38	4		128							1,045	153	8	1,206
TUCKER COUNTY.																				
Cooper, J. Calvin	Cooper	Inside		2													10			10
Cumberland Coal Co.	No. 1	Inside		4	58												122			
		Outside		2	3													18		
		Coke Yard			1														13	153
Cumberland Coal Co.	No. 2	Inside			11												54			
		Outside			1													13		67
Cumberland Coal Co.	No. 6	Inside		1	6												27			
		Outside		1														9		36
Davis Coal & Coke Co.	No. 23	Inside		4	4		1	3		2							153			
		Outside																17		170
Davis Coal & Coke Co.	No. 24	Inside		10	14		2										42			
		Outside																3		45
Davis Coal & Coke Co.	No. 25	Inside			1		2					1					95			
		Outside																5		100
Davis Coal & Coke Co.	No. 26	Inside		10	13												48			
		Outside																4		52
Davis Coal & Coke Co.	No. 34	Inside		1	9					3							38			
		Outside																2		40
Davis Coal & Coke Co.	No. 35	Inside			10												23			
		Outside																1		24

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Granish	Danish	English	French	German	Croatian	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
Davis Coal & Coke Co.	No. 36	Inside	13	9													6	1	42		
		Outside	3							1									12		
Davis Coal & Coke Co.	No. 37	Inside	6	7						2							4	1	17		
		Outside	10							2									2		
Davis Coal & Coke Co.	No. 38	Inside	42	46															33	23	
		Outside	9	1															1		
Davis Coal & Coke Co.	No. 39	Inside	41										6						32	11	
		Outside	4																5		
Davis Coal & Coke Co.	No. 40	Inside	62	11									7						24	12	
		Outside	6																1		
Davis Coal & Coke Co.	No. 41	Inside	5	11								2					3	1	5		
		Outside	2										1								
Total			341	88				3		11		4	83	1			20	6	364	141	
UPSHUR COUNTY.																					
Buckhannon River Coal & Coke Co.	Florence No. 2	Inside	30	5								4					2		12		
		Outside		8																	
		Coke Yard	10																2		
Newcomer Coal & Coke Co.	Newcomer	Inside	7																1		
		Outside	1																		
Red Rock Fuel Co.	Red Rock	Inside	19	4													3		10		
		Outside	11																		
Total			78	17								4					5		25		
WAYNE COUNTY.																					
East Lynn Coal Co.	East Lynn	Inside	71																		
		Outside	9																		
Total			80																		

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

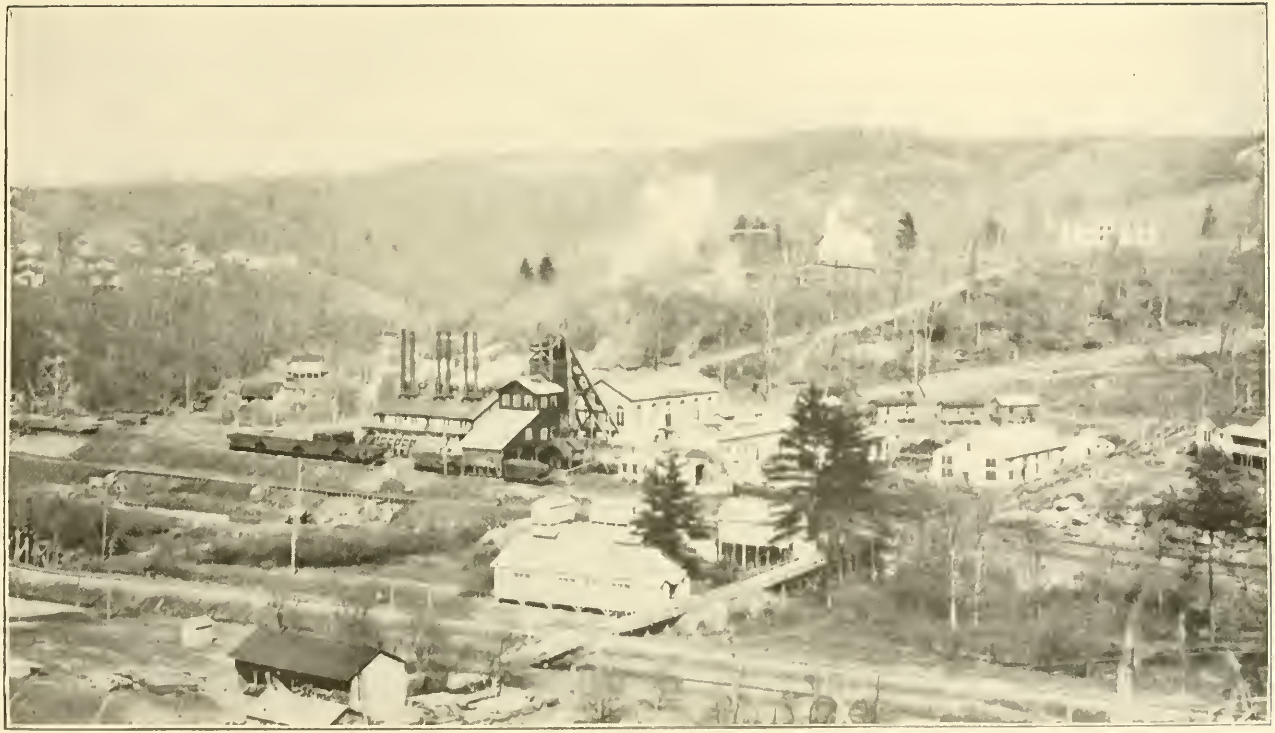
NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
Davis Coal & Coke Co.	No. 36	Inside		6	32		4			7					1		121			
		Outside			3													19		140
Davis Coal & Coke Co.	No. 37	Inside			26			1		5							69			
		Outside		1	4					1								20		89
Davis Coal & Coke Co.	No. 38	Inside		1	9		12			26							192			
		Outside																11		203
Davis Coal & Coke Co.	No. 39	Inside			17		10			10							127			
		Outside					1											10		137
Davis Coal & Coke Co.	No. 40	Inside		12	9					13							150			
		Outside																7		157
Davis Coal & Coke Co.	No. 41	Inside		4	8			2		13							54			
		Outside			1			1										5		59
Total				59	240		32	7		80		1			1		1,325	144	13	1,482
UPSHUR COUNTY.																				
Buckhannon River Coal & Coke Co.	Florence No. 2	Inside															53			
		Outside																8		
		Coke Yard																	12	73
Newcomer Coal & Coke Co.	Newcomer	Inside															8			
		Outside																1		9
Red Rock Fuel Co.	Red Rock	Inside		2	1												39			
		Outside																11		50
Total				2	1												100	20	12	132
WAYNE COUNTY.																				
East Lynn Coal Co.	East Lynn	Inside															71			
		Outside																9		80
Total																	71	9		80

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	American	Austrian	Belgian	Bohemian	Bulgarian	Croatian	Danish	English	French	German	Granish	Greek	Hebrew	Horwat	Hungarian	Irish	Italian	Lithuanian	Litvitch
WYOMING COUNTY.																					
Mead-Poca. Coal Co.	Mead-Poca	Inside	20	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	6	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Trace Fork Coal Co.	Trace Fork	Inside	4	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
		Outside	3	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...
Total			33	...	..	..	..	..	..	...	...	...	...	...	...	...	.....	...	.....	...	...

NATIONALITIES OF PERSONS EMPLOYED AT THE MINES AND COKE OVENS FOR THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	Name of Mine.	Where Employed	Montenegro	Negro	Polish	Roumanian	Russian	Scotch	Servian	Slavish	Spanish	Swedish	Syrian	Turkish	Welsh	Unknown	Total Inside	Total Outside Except Coke Yard	Total Coke Yard	Grand Total
WYOMING COUNTY.																				
Mead-Poca. Coal Co.	Mead-Poca	Inside		14													34			
		Outside		1														7		41
Trace Fork Coal Co.	Trace Fork	Inside		3												2	9			
		Outside																3		12
Total				18												2	43	10		53



Eccles No. 3 Mine, New River Collieries Co.,
Eccles.

TABLE SHOWING AVERAGE PRICE PAID PICK MINERS PER YEAR AND MONTH FROM 1897-1914 INCLUSIVE.

Year.	Average Earnings of Each Pick Miner.		Average Price per Ton of 2240 lbs. Received for Pick Mining (Run of Mine)
	Per Year	Per Month	
1897	$ 275.58	$ 22.96	35 1/5
1898	316.39	26.36	32 9/10
1899	367.84	30.65	36 1/8
1900	451.77	37.65	41 1/16
1901	459.56	38.29	44 1/2
1902	533.56	44.46	47 1/2
1903	499.06	41.59	49 1/2
1904	484.96	40.41	49 1/2
1905	508.01	42.17	47
1906	599.37	49.95	48
1907	643.05	53.59	49
1908	503.84	41.99	46
1909	481.17	40.10	43
1910	573.94	47.83	44
1911	570.48	47.54	44 1/2
1912	618.52	51.54	47
1913	737.62	61.47	48
1914	726.67	60.56	49

WAGES PAID, AND SELLING PRICE OF COAL AND COKE FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	Pick Miners Paid per Ton of 2240 lbs.			Selling Price	
	Run of Mine		Screened Room	COAL	COKE
	Room	Heading			
Barbour	44	57	..	83	192
Boone	49	56	..	115	...
Braxton	43	82	..	91	...
Brooke	57	82	67	103	...
Clay	40	..	..	94	...
Fayette	49	62	..	115	222
New River	..	..	..	...	...
Kanawha River	45	67	..	103	...
Loup Creek	49	55	..	110	...
Gilmer	..	55	..	92	...
Grant	37	49	..	90	...
Greenbrier	55	..	..	130	...
Harrison	50	57	..	87	...
Kanawha	52	58	..	105	...
Lewis	40	47	..	100	...
Lincoln	32	50	..	...	...
Logan	35	43	..	96	187
Marion	47	52	..	103	223
Marshall	65	..	95	113	...
Mason	79	..	..	125	...
McDowell	..	..	..	...	...
Poca No. 3 & 4	35	45	..	100	187
Poca Thin Vein	38	47	..	120	193
Mercer	39	46	..	117	213
Mineral	57	..	..	104	...
Mingo	43	48	..	117	103
Monongalia	45	55	..	96	219
Nicholas	55	65	..	103	240
Ohio	62	..	95	111	...
Preston	47	57	..	100	226
Putnam	..	..	80	129	...
Raleigh	45	50	..	124	...
Randolph	49	65	..	94	190
Taylor	43	47	..	83	165
Tucker	54	60	..	109	240
Upshur	56	..	..	86	140
Wayne	..	..	..	110	...
Wyoming	41	..	..	123	...
Average	49	56	84	105	196

SUMMARY OF WAGES PAID MACHINE MINERS, RUNNERS AND HELPERS, FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	Machine Miners Paid Per					Machine Runners.		Machine Helpers.
	Tons of 2240 lbs.		Tons of 2240 lbs. Screened		Wages	Paid by	Wages	Paid by
	Room	Heading	Room	Heading				
Barbour	28	35	..	..	.16½	Per car	3.00	Per day
					.08	Per long ton room	.07	Long ton room
Boone	31	34	..	..	.08	Long ton room	.07	Long ton room
Braxton	27	33	..	..	.14	Per car		
Brooke	47	..	..	..	.07	Long ton room	.07	Long ton room
Clay	35	37	..	..	.05	Long ton room	.05	Long ton room
Fayette:								
Kanawha River Series	30	35	..	..	2.75	Per day	.10	Long ton heading
Kanawha River Series	..	..	..	..	.12	Long ton heading	.07	Long ton room
Kanawha River Series	..	..	..	..	.08	Long ton room	2.50	Per day
Kanawha River Proper	29	34	..	..	.11	Long ton heading	.10	Long ton heading
Loup Creek	..	..	..	..	2.75	Per day	2.35	Per day
Loup Creek	28	35	..	..	.10	Long ton room	.11	Long ton heading
					.11	Long ton heading	.10	Long ton room
Gilmer	31	36	..	..	2.50	Per day	2.50	Per day
Grant	36	40	..	..	.11	Per car	.10	Per car
Greenbrier	..	..	..	..	2.50	Per day	2.25	Per day
Harrison	34	43	..	..	1.15	Per place	1.15	Per place
					.11	Long ton heading	2.25	Per day
							.07½	Long ton room
Kanawha	35	45	67	75	3.00	Per day	2.50	Per day
					.10	Long ton room	.08	Long ton room
					1.25	Per place	1.25	Per place
					.11	Long ton heading	.10	Long ton heading
							.09	Long ton room
Lincoln	35	45	..	..	.25	Per car		
Logan	27	35	..	..				
Marion	32	38	..	..	.18	Per car	.15	Per car
					.08	Per long ton room	.08	Per long ton room
					3.00	Per day	2.39	Per day
Marshall	36	42	59	67	2.75	Per day		
					.08½	Per long ton room	.08½	Long ton room
Mason	38	43	..	..	.10	Long ton heading	.09	Long ton heading

SUMMARY OF WAGES PAID MACHINE MINERS, RUNNERS AND HELPERS, FOR THE YEAR ENDING JUNE 30 TH, 1914.

COUNTY.	Machine Miners Paid Per					Machine Runners.		Machine Helpers.
	Tons of 2240 lbs.		Tons of 2240 lbs. Screened					
	Room	Heading	Room	Heading	Wages	Paid by	Wages	Paid by
McDowell:								
Poca No. 3	32	38	..	..	.10	Per car	.10	Per car
					2.75	Per day	2.25	Per day
Poca Thin Vein	35	44	..	..	.55	Per place	.40	Per place
					.20	Per run	.20	Per run
					.13	Long ton heading	.10	Long ton heading
Mercer	32	39	..	..	2.90	Per day	2.74	Per day
					.52	Per place	.39	Per place
Mineral	37	44	..	..	2.50	Per day	2.50	Per day
					.09	Per long ton room		
Mingo	34	40	..	..	3.50	Per day	2.87	Per day
					.77	Per place	.60	Per place
					.15	Per long ton heading	.06	Per long ton room
Monongalia	35	39	..	..	.14	Long ton heading	.12	Long ton heading
Nicholas	40	50	..	..	.10	Per car	.10	Per car
Ohio	38	59	..	..	.13	Per long ton heading	.13	Per long ton heading
Preston	29	35	..	..	.07	Long ton room		
					.60	Per car	.07	Long ton room
Putnam	..	..	..	..	2.25	Per day	2.00	Per day
Raleigh	32	39	..	..	3.00	Per day	2.25	Per day
					.07½	Long ton room	.07	Per long ton room
Randolph	30	35	..	..	.10	Per long ton heading	.10	Per long ton heading
Taylor	30	35	..	..	.08	Per car	.04	Per car
Tucker	32	39	..	..	2.70	Per day	2.50	Per day
Upshur	35	37	..	..	2.75	Per day	2.50	Per day
Wayne	..	..	..	..	3.00	Per day	2.00	Per day
Wyoming	..	..	..	..	.....	....		
Averages	33	39	58	71				
					2.75	Day	2.43	Day
					.13	Long ton heading	.10½	Long ton heading
					.08	Long ton room	.07½	Long ton room
					.76	Per place	.72	Per place
					.20	Per run	.20	Per run
					.19	Per car	.10	Per car

STATEMENT SHOWING THE AVERAGE PRICE PAID PICK AND MACHINE MINERS, AND WAGES PAID DAY MEN IN AND ABOUT THE MINES OF THE STATE OF WEST VIRGINIA FOR THE YEAR ENDING JUNE 30TH, 1914.

Pick Miners (R. O. M. Room	(2240 lbs.)	.48
Pick Miners (R. O. M. Heading)	(2240 lbs.)	.56
Pick Miners (Screened Room)	(2240 lbs.)	.84
Machine Miners (per day)		2.25
Machine Miners (R. O. M. Room)	(2240 lbs.)	.33
Machine Miners (R. O. M. Heading)	(2240 lbs.)	.39
Machine Miners (Screened Room)	(2240 lbs.)	.63
Machine Miners (Screened Heading)	(2240 lbs.)	.71
Machine Runners per day		2.81
Machine Runners (R. O. M. Room)	(2240 lbs.)	.08
Machine Runners (R. O. M. Heading)	(2240 lbs.)	.12
Machine Runners per car		.20
Machine Runners per Run		.20
Machine Runners per Place (Room)		.85
Machine Helpers per Day		2.48
Machine Helpers (R. O. M. Room)	(2240 lbs.)	.08
Machine Helpers (R. O. M. Heading)	(2240 lbs.)	.10
Machine Helpers per Run		.18
Machine Helpers per Place (Room)		.75
Trackmen		2.43
Bratticemen		2.25
Drivers		2.14
Motormen		2.46
Brakemen		2.14
Timbermen		2.21
Trappers		1.24
Day Laborers		1.94
Day Laborers Outside		1.75
Blacksmiths		2.90
Firemen		2.00
Engineers		3.00
Carpenters		2.50
Firemen		2.00
Electricians		3.00
Trip Riders		2.25
Weigh Boss		2.40
Drum Runner		2.25
Fan Runners		2.25
Cokemen per day		1.70
Cokemen per oven		.62

STATEMENT OF THE TONNAGE OF COAL AND COKE FROM THE COLLIERIES IN WEST VIRGINIA, HANDLED AND TRANSPORTED BY THE RAILROADS, IN THE STATE DURING THE TWELVE MONTHS ENDING JUNE 30TH, 1914, AS REPORTED BY THE DIFFERENT RAILROADS.

(Quantities of Coal and Coke are Expressed in tons of 2,240 lbs. and 2,000 lbs. respectively.)

NAME OF RAILROAD.	Total Tons Handled		Tons Originating on Line		Tons Delivered to the Line by Other Rail Roads in W. Va.	
	Coal	Coke	Coal	Coke	Coal	Coke
Baltimore & Ohio R. R.	13,913,233	468,428	12,729,495	231,083	1,183,738	237,345
Chesapeake & Ohio R. R.	16,279,593	174,376	16,274,401	174,376	5,192	....
Coal & Coke Railway Co.	1,125,048	123,659	1,116,279	123,580	8,769	79
Norfolk & Western Railway Co.	22,434,454	954,508	20,347,949	945,785	2,086,505	8,723
Kanawha & Michigan R. R.	3,721,798	208,330	2,690,513	203,048	1,031,285	5,282
Virginian Railway....	4,327,967	40	3,794,334	....	533,633	40
Western Maryland Ry.	2,789,789	81,096	2,532,345	72,803	257,444	8,293
Totals	64,591,882	2,010,437	59,485,316	1,750,675	5,106,566	259,762

STATEMENT OF THE TONNAGE OF COAL AND COKE FROM THE COLLIERIES IN WEST VIRGINIA, HANDLED AND TRANSPORTED BY THE RAILROADS, IN THE STATE DURING THE TWELVE MONTHS ENDING JUNE 30TH, 1914, AS REPORTED BY THE DIFFERENT RAILROADS.

(Quantities of Coal and Coke are Expressed in tons of 2,240 lbs. and 2,000 lbs. respectively.)

Tons Delivered to Other Lines in West Va.		Tons of West Virginia Fuel Used by the Lines in the State		Railroads and Docks to which Product is Delivered for Distribution.	Points of Destination of the Product.	
Coal	Coke	Coal	Coke		East.	West.
....	....	....	.....	Various.	All Sections.	All Sections.
2,284,038	8,887	645,334	3,913	C. & O. Docks at Newport News; Southern Ry.; A. C. L.; S. A. L.; R. F. & P. Ry.; C. C. & St. L. Ry.; B. & O. S. W.; C. H. & D.	Coastwise, New England, New York, Etc., Export Richmond, Lynchburg and Various Southern Points.	Cincinnati, Chicago, Toledo and various Northern and Western points.
1,108,244	123,641	64,684	.....	Kanawha & Michigan Ry.; Baltimore & Ohio Ry.; Western Maryland Ry.	Curtis Bay, Md., Pt. Richmond, Pa., Pt. Reading, Pa., Port Covington, Md. & Various Eastern Points.	Toledo Docks, Ohio, Lorain Docks, Ohio, and various Western and Northern points.
3,588	23	694,542	.....	Lamberts Point, Piers A. C. Line, S. A. Line, Southern Ry., L. & N. Ry., Toledo & Sandusky Docks & C. C. Lines.	Foreign Ports & Atlantic Coast (Tidewater) Virginia, N. & S. Carolina Points (inland.)	Cincinnati, Lake Points, Chicago and Western cities.
....	....	350,000	.....	Various Railroads throughout the States. Docks at Toledo on Hocking Valley & Toledo on O. C. Lines.		All points in Ohio, Indiana & Lake Ports.
....	....	137,637	.....	Atlantic Coast Line; Southern Ry. & Norfolk Southern Ry.	Sewell's Point, Va., and Various Eastern Points.	
67,460	28,432	169,117	.....	B. & O. Railroad, P. & R. Ry., Pennsylvania Ry., C. & C. Ry., and their connections.	Coal Piers at Baltimore, Philadelphia & New York, local points on W. M. Ry., B. & O. Ry., Pennsylvania Ry., C. & C. Ry. and connections	Various Western points via B. & O. R. R. and Coal & Coke Ry. and their connections.
3,463,330	140,983	2,061,314	3,913			

STATEMENT SHOWING THE QUANTITY OF EXPLOSIVES USED AND THE COAL PRODUCED BY IT AT THE MINES, BY COUNTIES, FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	No. of Operations Reporting	Tons of Coal (Tons of 2240 lbs.)	Number of Kegs of Powder Used	Cost per Keg to the Miner	Number of lbs. of Dynamite Used	No. of lbs. of Permissible Explosives Used
Barbour	15	1,098,495	5,652	1.60	250	116,450
Boone	9	472,993	5,296	1.75	610	100
Braxton	8	265,101	3,506	1.75	850	9,443
Brooke	5	564,337	3,808	1.60	6,220	....
Clay	4	396,411	920	1.75	1,500	2,800
Fayette	130	8,686,988	85,619	1.75	68,200	216,908
Gilmer	3	88,369	703	1.75	....	5,650
Grant	3	189,746	1,800	1.70	....	16,200
Greenbrier	1	22,633	328	1.75	676	....
Harrison	71	5,097,644	22,594	1.70	2,810	601,478
Kanawha	100	5,108,783	52,269	1.75	12,459	11,725
Lewis	2	28,956	....	1.75	....	300
Lincoln	2	61,588	660	1.75	200	....
Logan	69	5,333,943	45,113	1.75	8,709	48,639
Marion	36	5,830,070	19,645	1.70	2,000	756,417
Marshall	7	929,425	3,480	1.66	....	....
Mason	3	123,630	1,958	1.55	310	....
McDowell	127	14,055,157	97,670	1.50	74,725	1,002,811
Mercer	33	2,850,499	44,209	1.50	15,445	27,450
Mineral	16	688,172	13,149	1.65	11,800	25,000
Mingo	41	2,510,568	25,913	1.75	7,986	20,000
Monongalia	8	400,046	4,920	1.60	5,025	25,400
Nicholas	6	96,440	974	1.62	2,500	24,000
Ohio	5	482,844	1,675	1.65	10	....
Preston	21	1,281,181	17,734	1.55	999	40.032
Putnam	8	554,923	12,520	1.75	1,300	....
Raleigh	65	5,066,221	16,956	1.56	11,160	642,902
Randolph	15	737,718	10,214	1.60	3,655	100
Taylor	12	1,068,772	11,357	1.60	6,550	19,300
Tucker	16	1,199,113	22,146	1.62	22,950	163,000
Upshur	3	97,473	1,460	1.58	....	....
Wayne	1	55,060	50	1.75	600	32.000
Wyoming	2	39,789	1,065	1.75	510	....
Total	847	65,483,088	535,363	* 1.67	270,009	3,808,105
Small Country Mines	**	300,000	**	**	**	**
Grand Total...	847	65,783,088	535,363	1.67	270,009	3,808,105

* General Average.
** Not Reported.

STEAM BOILERS AT MINES—1914.

COUNTY.	Number of Boilers Insured	Number of Boilers *Not* Insured	Total Number of Boilers
Barbour	22	2	24
Boone	16	...	16
Braxton	3	...	3
Brooke	7	...	7
Clay	8	...	8
Fayette	206	31	237
Gilmer	2	2	4
Grant	8	...	8
Greenbrier	1	...	1
Harrison	76	4	80
Kanawha	116	13	129
Lewis	1	...	1
Lincoln	1	...	1
Logan	62	4	66
Marion	100	5	105
Marshall	16	...	16
Mason	1	3	4
McDowell	218	9	227
Mercer	27	9	36
Mineral	20	3	23
Mingo	70	5	75
Monongalia	4	1	5
Nicholas	4	...	4
Ohio	...	2	2
Preston	33	4	37
Putnam	3	6	9
Raleigh	81	21	102
Randolph	14	2	16
Taylor	13	...	13
Tucker	9	...	9
Upshur	...	3	3
Wayne	...	1	1
Total	1,142	130	1,272

SUMMARY OF THE NUMBER OF MINE LOCOMOTIVES IN THE STATE—1914.

COUNTY.	Number of Mines Using Locomotives	LOCOMOTIVES				
		Steam	Electric	Compressed Air	Gasoline	Sum Total
Barbour	8	..	15	..	1	16
Boone	8	..	17	..	..	17
Braxton	2	..	3	..	..	3
Brooke	5	..	14	..	..	14
Clay	2	..	8	..	..	8
Fayette	101	11	309	..	6	326
Gilmer	1	..	1	..	..	1
Grant	2	..	4	..	..	4
Harrison	40	2	39	..	9	50
Kanawha	91	2	177	..	..	179
Logan	55	2	130	..	2	134
Marion	24	1	48	40	2	91
Marshall	6	..	17	..	..	17
Mason	3	..	4	..	..	4
McDowell	114	10	326	1	3	340
Mercer	32	16	44	..	..	60
Mineral	8	2	7	..	1	10
Mingo	37	7	76	2	2	87
Monongalia	4	..	10	..	..	10
Nicholas	4	..	6	..	..	6
Ohio	4	..	7	..	1	8
Preston	13	1	36	..	1	38
Putnam	7	2	12	..	..	14
Raleigh	61	1	191	..	..	192
Randolph	7	..	10	..	1	11
Taylor	8	..	16	..	..	16
Tucker	12	2	39	..	..	41
Upshur	2	..	4	..	..	4
Wayne	1	..	1	..	..	1
Total	662	59	1,571	43	29	1,702

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
BARBOUR COUNTY.					
Century Coal Co., The	No. 1	...	3	...	...
Century Coal Co., The	No. 2	...	...	...	1
Consolidation Coal Co., The	No. 37	...	4	...	...
Davis Coal & C. Co	Dartmoor No. 4	...	2	...	...
Gage C. & C. Co	Sara	...	1	...	...
Humphreys Coal Co	Humphreys	...	2	...	...
Sandridge, Lee J., Coal Co	Meriden No. 1	...	2	...	...
Tygart's River Coal Co	Arden	...	1	...	...
Total		...	15	...	1
BOONE COUNTY.					
Anchor Coal Co	No. 1	...	4	...	...
Coal River Co., The	Nos. 1 & 2	...	3	...	...
Hickory Ash Coal Co., The	Hickory Ash	...	3	...	...
Horse Creek Block C. Co	Opal No. 1	...	1	...	...
Seng Creek Coal Co	Seng Creek	...	3	...	...
Spruce River Coal Co., The	No. 1	...	1	...	...
Webb Coal Mining Co	Webb	...	2	...	...
Total		...	17	...	...
BRAXTON COUNTY.					
Davis Colliery Co	Bower No. 10	...	2	...	...
Davis Colliery Co	Copen No. 11	...	1	...	...
Total		...	3	...	...
BROOKE COUNTY.					
La Belle Iron Works	LaBelle Shaft	...	4	...	...
Richland Block Coal Co	Beech Bottom	...	5	...	...
W. Va.-Pittsburg Coal Co	Gilchrist No. 3	...	1	...	...
W. Va.-Pittsburg Coal Co	Locust Grove No. 1	...	3	...	...
W. Va.-Pittsburg Coal Co	LaBelle No. 4	...	1	...	...
Total		...	14	...	...
CLAY COUNTY.					
Elk Manor Coal Co	Dorfee	...	1	...	...
Elk River Coal & Lumber Co	Rich Run	...	7	...	...
Total		...	8	...	...
FAYETTE COUNTY.					
Ajax Coal Co	No. 1	...	1	...	...
Alaska C. & C. Co	Alaska	1	...	...	...
Babcock Coal & C. Co	Nos. 3 & 4	...	1	...	...
Ballinger Coal Co	No. 1	...	...	...	1
Beechwood C. & C. Co	No. 2	1	...	...	...
Blume, G. M., (Estate)	Fayette	...	2	...	...
Blume C. & C. Co	Blume	...	2	...	...
Boomer C. & C. Co	No. 1	...	1	...	...
Boomer C. & C. Co	No. 2	...	3	...	...
Boomer C. & C. Co	No. 2 South	...	2	...	...
Boomer C. & C. Co	No. 3	...	2	...	...
Boomer C. & C. Co	No. 4	...	3	...	...
Boomer C. & C. Co	No. 5	...	1	...	...
Branch Coal & C. Co	Elverton	...	2	...	...
Brown Coal Co	Brown	...	2	...	...
Cannelton C. & C. Co	No. 2	...	5	...	...
Cannelton C. & C. Co	No. 3	...	2	...	...
Cannelton C. & C. Co	No. 4	...	3	...	...
Christian Colliery Co	Eagle	...	4	...	...
Christian Colliery Co	Powellton	...	2	...	...
Collins Colliery Co	Nos. 1, 2, 3 & 4	...	3	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES Steam	Electric	Compressed Air	Gasoline
Columbus Iron & Steel Co., The	No. 1	...	6	...	...
Dunn Loop Coal & C. Co	Dunloop	...	6	...	...
Elmo Coal Mining Co., The	Elmo	...	1	...	...
Ephraim Creek C. & C. Co	Buffalo & Slater	...	9	...	...
Eureka Coal Co., The	No. 2	...	1	...	...
Evans & Sons	Great Kanawha	...	1	...	...
Export Coal Co	Export	...	1	...	...
Gauley Mountain Coal Co., The	Buck Run	...	2	...	...
Gauley Mountain Coal Co., The	Scotia & Turkey Creek	...	12	...	...
Glendale Colliery Co.	Buck Lick	1	...	...	...
Greenwood Coal Co	Greenwood	2	...	...	...
Harvey Coal & C. Co	Harvey	...	4	...	...
Hemlock Hollow C. & C Co	Hemlock	...	6	...	...
Johnson, E. R., Coal Co	Crescent	...	1	...	...
Johnson, E. R., Coal Co	Oakland	...	3	...	...
Keeney's Creek Colliery Co	Boone	...	2	...	...
Keeney's Creek Colliery Co	Smokeless	...	2	...	...
Laurel Creek Coal Co	Laurel	...	4	...	...
Long Branch C. Co	No. 2	...	...	...	2
Low Moor Iron Co. of Va	No. 1	...	4	...	...
Low Moor Iron Co. of Va	No. 2	...	1	...	...
Loup Creek Colliery Co	No. 2	3	10	...	...
Lynchburg Colliery Co	Nos. 2 & 5	2	...	...	...
Macdonald Colliery Co	Macdonald	...	2	...	...
McKell C. & C. Co	Derryhale	...	2	...	...
McKell C. & C. Co	Kilsyth	...	10	...	...
M. B. Coal & C. Co	Elkridge No. 1	...	1	...	...
M. B. Coal & C. Co	Elkridge No. 2	...	1	...	...
M. B. Coal & C. Co	Kimberly No. 3	...	...	...	3
Mecca Colliery Co	Diamond	...	2	...	...
Mecca Colliery Co	Edgewater	...	2	...	...
Mecca Colliery Co	Gas	...	2	...	...
Mecca Colliery Co	Splint	...	1	...	...
Milburn Coal Co	No. 1	...	3	...	...
Mount Carbon Co. Ltd., The	Vulcan	...	2	...	...
New River Collieries Co	Sun Nos. 1, 2 & 3	...	8	...	...
New River & Poca. Cons. Coal Co	Layland	...	24	...	...
New River & Poca. Cons. Coal Co	Minden No. 2	...	6	...	...
New River & Poca. Cons. Coal Co	Minden No. 3	...	8	...	...
New River & Poca. Cons. Coal Co	Minden No. 4	...	8	...	...
New River & Poca. Cons. Coal Co	Minden No. 5	...	7	...	...
Nichol Colliery Co	Nichol	...	5	...	...
Nuttallburg Smokeless Fuel Co	Nuttallburg	...	3	...	...
Paint Creek Collieries Co	Hickory Camp	...	3	...	...
Prudence Coal Co	Prudence	...	5	...	...
Quinnimont Coal Co	Big Q	...	2	...	...
Ridgeview Coal Co	Ridgeview	1	0	...	...
Rock Lick Coal Co	No. 1	...	4	...	...
Rothwell Coal Co	Dubree	...	1	...	...
Scotia Coal & C. Co	Brooklyn	...	6	...	...
Scotia Coal & C. Co	Red Ash	...	1	...	...
Scotia Coal & C. Co	Rush Run & Once More	...	6	...	...
Sewell Colliery Co	Sugar Camp	...	1	...	...
Solvay Collieries Co	No. 1	...	9	...	...
Solvay Collieries Co	No. 2	...	6	...	...
South Side Co.	South Side	...	2	...	...
Star Coal & Coke Co., The	Star	...	3	...	...
St. Clair Colliery Co	St. Clair & Archer	...	1	...	...
Stone Cliff C. & C. Co	Stone Cliff	...	2	...	...
Stuart Colliery Co	Lochgelly	...	5	...	...
Stuart Colliery Co	Summerlee	...	6	...	...
Sunday Creek Co.	No. 111	...	3	...	...
Sunday Creek Co.	No. 112	...	10	...	...
Sunday Creek Co.	No. 114	...	7	...	...
Sunday Creek Co.	Nos. 115 & 116	...	1	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Turkey Knob Fuel Co.	Turkey Knob	...	4	...	...
White Oak Fuel Co.	Carlisle & Oakwood	...	4	...	...
White Oak Fuel Co.	Scarbro & Wingrove	...	9	...	...
White Oak Fuel Co.	Whipple	...	4	...	...
Total		11	309	...	6
GILMER COUNTY.					
McCaa Coal Co.	McCaa	...	1	...	...
Total		...	1	...	...
GRANT COUNTY.					
Buffalo Creek Cumberland C. Co.	No. 1	...	1	...	...
Davis Coal & C. Co.	Henry No. 22	...	3	...	...
Total		...	4	...	...
HARRISON COUNTY.					
Calif Coal Co.	Calif.	...	..	...	1
Clarksburg Gas C. Co.	McWhorter	...	1	...	...
Consolidation Coal Co., The	No. 21	...	2	...	..
Consolidation Coal Co., The	No. 25	...	2	...	...
Consolidation Coal Co., The	No. 27	...	1	...	...
Consolidation Coal Co., The	No. 32	...	2	...	...
Consolidation Coal Co., The	No. 33	...	1	...	...
Consolidation Coal Co., The	No. 35	...	1	...	...
Consolidation Coal Co., The	No. 39	...	1	...	...
Consolidation Coal Co., The	No. 40	...	2	...	...
Consolidation Coal Co., The	No. 42	...	1	...	...
Consolidation Coal Co., The	No. 48	...	1	...	...
Consolidation Coal Co., The	No. 49	...	2	...	...
Consolidation Coal Co., The	No. 50	...	1	...	...
Consolidation Coal Co., The	No. 51	...	1	...	...
Consolidation Coal Co., The	No. 55	...	1	...	...
Consolidation Coal Co., The	No. 58	...	1	...	...
Consolidation Coal Co., The	No. 65	...	1	...	...
Consolidation Coal Co., The	No. 66	...	1	...	...
Corona C. & C. Co.	No. 2	...	1	...	...
Corona C. & C. Co.	Garod	...	1	...	...
Fairmont & Baltimore C. & C. Co.	Fairmore	1	..	...	...
Francois Coal & C. Co.	Norwood	...	1	...	...
Harry B. Coal & C. Co.	Pitcairn	1	1	...	...
Haywood Coal Mining Co.	Monroe	...	..	...	1
Hutchinson Coal Co.	Erie	...	1	...	...
Hutchinson Coal Co.	Florence	...	1	...	...
Hutchinson Coal Co.	Girard	...	..	...	1
Hutchinson Coal Co.	Hutchinson	...	2	...	...
Hutchinson Coal Co.	McCandlish	...	2	...	...
Lambert Run Coal Co.	Gauson	...	1	...	...
Madeira-Hill-Clark C. Co.	Randolph	...	2	...	...
Madeira-Hill-Clark C. Co.	Waldo	...	...	...	1
Marion Gas Coal Co.	Bingamon	...	2	...	...
Marshall Coal Co.	Marshall	...	...	...	2
Righter Coal & C. Co.	Righter	...	...	...	1
Rosebud Fuel Co.	No. 2	...	1	...	...
Va.-Maryland Coal Corporation	Willard Nos. 1, 2 & 3	...	...	...	3
Total		2	39	...	9
KANAWHA COUNTY.					
Belmont Coal Co.	Belmont	...	2	...	...
Blue Creek C. & Land Co.	Blakeley No. 4	...	1	...	...
Blue Creek C. & Land Co.	Will's Hollow	...	1	...	...
Cabin Creek Cons. Coal Co.	Acme	...	1	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Cabin Creek Cons. Coal Co.	Belleclare	...	1	...	...
Cabin Creek Cons. Coal Co.	Black Tulip	...	1	...	...
Cabin Creek Cons. Coal Co.	Buckeye	...	1	...	...
Cabin Creek Cons. Coal Co.	Cherokee	...	1	...	...
Cabin Creek Cons. Coal Co.	Davis	...	1	...	...
Cabin Creek Cons. Coal Co.	Empire	...	1	...	...
Cabin Creek Cons. Coal Co.	Kayford	...	3	...	...
Cabin Creek Cons. Coal Co.	Keystone	...	2	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 1	...	2	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 2	...	1	...	...
Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	...	1	...	...
Cabin Creek Cons. Coal Co.	Red Warrior	...	1	...	...
Cabin Creek Cons. Coal Co.	Rose	...	1	...	...
Cabin Creek Cons. Coal Co.	Ruby	...	1	...	...
Cabin Creek Cons. Coal Co.	Shamrock	...	3	...	...
Cabin Creek Cons. Coal Co.	Thistle	...	1	...	...
Cabin Creek Cons. Coal Co.	United Gas	...	2	...	...
Cabin Creek Cons. Coal Co.	United Splint	...	1	...	...
Campbell's Creek Coal Co., The	No. 1	...	6	...	...
Campbell's Creek Coal Co., The	No. 3	...	4	...	...
Cannelton C. & C. Co.	No. 1	...	3	...	...
Carbon Coal Co.	Law Sulphur	...	1	...	...
Carbon Coal Co.	North	...	1	...	...
Carbon Coal Co.	South	...	3	...	...
Carbon Coal Co.	Splint	...	5	...	...
Chesapeake Mining Co.	No. 1	...	3	...	...
Chesapeake Mining Co.	Nos. 2 and 3	...	2	...	...
Coalburg Colliery Co.	Ronda & Belmont	...	5	...	...
Coalburg-Kanawha C. Co.	No. A	...	1	...	...
Coalburg-Kanawha C. Co.	No. B	...	1	...	...
Dry Branch Coal Co.	Belmont & Coalburg	...	2	...	...
Eureka Coal Co., The	Nos. 1, 3 & 4	...	2	...	...
Hughes Creek C. Co.	Nos. 2 & 4	...	5	...	...
Imperial Colliery Co.	No. 1	...	2	...	...
Imperial Colliery Co.	No. 3	...	3	...	...
Kelly's Creek Colliery Co.	No. 1	...	2	...	...
Kelly's Creek Colliery Co.	No. 3	...	4	...	...
Lewis C. & C. Co.	Lewis	...	1	...	...
Marmet Coal Co., The	Black Band	...	5	...	...
Marmet Coal Co., The	Monarch	...	2	...	...
Marmet Coal Co., The	New Butler	...	1	...	...
Mill Creek Cannel Mining Co.	Villa	1	...	...	...
Morris Fork Coal Co.	Turner No. 2	...	1	...	...
National Bituminous C. & C. Co.	Coalburg No. 8	...	2	...	...
National Bituminous C. & C. Co.	No. 2 Gas	...	2	...	...
National Bituminous C. & C. Co.	No. 5 Splint	...	1	...	...
Olcott Coal & Iron Co.	No. 1	...	4	...	...
Olcott Coal & Iron Co.	No. 2	...	2	...	...
Paint Creek Collieries Co.	Banner	...	1	...	...
Paint Creek Collieries Co.	Grose Nos. 1 & 2	...	3	...	...
Paint Creek Collieries Co.	Knickerbocker	1	...	...	...
Paint Creek Collieries Co.	Paint Creek	...	9	...	...
Paint Creek Collieries Co.	Reynolds	...	1	...	...
Paint Creek Collieries Co.	Scranton	...	2	...	...
Paint Creek Collieries Co.	Wacomah	...	2	...	...
Quincy Coal Co.	Nos. 1 & 2	...	3	...	...
Republic Coal Co.	No. 1	...	3	...	...
Republic Coal Co.	No. 2	...	2	...	...
Republic Coal Co.	No. 3	...	3	...	...
Republic Coal Co.	No. 5	...	2	...	...
Standard-Kanawha Coal Mining Co.	Coalridge No. 1	...	1	...	...
Standard Splint & Gas Coal Co.	Standard	...	2	...	...
Sunday Creek Co.	No. 101	...	1	...	...
Sunday Creek Co.	No. 104	...	3	...	...
Sunday Creek Co.	No. 105	...	6	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Sunday Creek Co.	No. 108	...	2	...	...
Virginia Coal Co.	Nos. 1 & 2	...	3	...	...
Wake Forest Mining Co.	Wake Forest	...	2	...	...
West Va. Colliery Co.	No. 1	...	2	...	...
West Va. Colliery Co.	No. 3	...	2	...	...
West Va. Colliery Co.	No. 4	...	3	...	...
Williams Coal Co.	Williams	...	1	...	...
Winifrede Coal Co.	North	...	2	...	...
Winifrede Coal Co.	South	...	2	...	...
Winifrede Coal Co.	West	...	3	...	...
Wyatt Coal Co.	Berlin	...	2	...	...
Wyatt Coal Co.	Horton	...	2	...	...
Wyatt Coal Co.	Oakley	...	1	...	...
Total		2	177	...	...
LOGAN COUNTY.					
Amherst Coal Co.	Nos. 1 & 2	...	1	...	...
Aracoma Coal Co.	Nos. 1 & 2	1	6	...	...
Avon Coal Co.	Nos. 1, 2 & 3	...	3	...	...
Buffalo-Eagle Colliery Co.	Buffalo-Eagle	...	1	...	...
Coal River C. & C. Co.	Dobra	...	3	...	...
Coal Valley Mining Co.	Sylvia	...	3	...	...
Cora Coal & Coke Co., The	Cora	...	4	...	...
Crown Coal & Coke Co., The	Crown	...	1	...	...
Draper Coal & Coke Co.	Draper	...	2	...	...
Eagle Island Coal Co.	Eagle Island	...	2	...	...
Ethel Coal Co., The	Nos. 1, 1½ & 2	...	2	...	...
Fort Branch Coal Corporation	Ft. Branch	...	1	...	...
Frieze Coal Mining Co., The	Frieze Fork	...	1	...	...
Gay Coal Co., The	Gay	1	1	...	...
George's Creek Coal Co., Inc.	George's Creek	...	1	...	...
Guyandotte Coal Co.	Kitchen	...	...	...	1
Huddleston Coal Co.	Huddleston	...	1	...	...
Johnson, E. R., Coal Mining Co.	Nos. 1 & 2	...	2	...	...
Kohinoor C. & C. Co.	Kohinoor	...	2	...	...
Logan Coal Co., The	Logan	...	2	...	...
Logan Mining Co.	Earling	...	2	...	...
Logan Mining Co.	Wanda	...	1	...	...
Long Flame Coal Co.	Long Flame	...	2	...	...
Main Island Creek C. Co.	No. 4	...	2	...	...
Manbar Coal Co.	Manbar	...	...	...	1
McGregor Coal Co.	McGregor	...	2	...	...
Monitor Coal & C. Co.	Monitor No. 1 & 2 & Beechwood	...	7	...	...
Paragon Colliery Co.	No. 2	...	1	...	...
Rex Coal & C. Co.	Rex	...	1	...	...
Rich Creek Coal Co.	Wilburn	...	1	...	...
Spruce Bend Coal Co.	Nos. 1 & 2	...	2	...	...
Spruce Valley Coal Co.	Spruce Valley	...	3	...	...
Stone Branch Coal Co.	Stone Branch	...	3	...	...
Sunbeam Coal Co.	Sunbeam	...	2	...	...
United States Coal & Oil Co.	No. 1	...	11	...	...
United States Coal & Oil Co.	No. 2	...	7	...	...
United States Coal & Oil Co.	No. 3	...	5	...	...
United States Coal & Oil Co.	No. 4	...	7	...	...
United States Coal & Oil Co.	Nos. 5 & 6	...	6	...	...
United States Coal & Oil Co.	No. 7	...	6	...	...
United States Coal & Oil Co.	No. 8	...	7	...	...
United States Coal & Oil Co.	Nos. 9 & 10	...	3	...	...
Wilson, H. T., Co.	Wilson	...	5	...	...
Yuma Coal & C. Co., The	Yuma	...	5	...	...
Total		2	130	...	2

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
MARION COUNTY.					
Consolidation Coal Co., The	No. 22	...	2	...	...
Consolidation Coal Co., The	No. 24	...	2	...	...
Consolidation Coal Co., The	No. 26	...	4	...	...
Consolidation Coal Co., The	No. 28	...	1	...	...
Consolidation Coal Co., The	No. 36	...	2	...	...
Consolidation Coal Co., The	No. 38	...	2	...	...
Consolidation Coal Co., The	No. 43	...	5	...	...
Consolidation Coal Co., The	No. 47	...	3	...	...
Consolidation Coal Co., The	No. 53	...	2	...	...
Consolidation Coal Co., The	No. 56	...	2	...	...
Consolidation Coal Co., The	No. 59	...	1	...	...
Consolidation Coal Co., The	No. 63	...	7	...	...
Consolidation Coal Co., The	No. 68	...	...	...	1
Consolidation Coal Co., The	No. 84	...	2	...	...
Dakota Coal & C. Co	No. 2	1	...	...	...
Fairmont & Cleveland C. Co	Parker Run	...	...	1	...
Federal Coal & C. Co	Federal	...	10	...	...
Four States C. & C. Co	Annabelle	...	...	17	...
Jamison C. & C. Co	No. 7	...	...	7	...
Jamison C. & C. Co	No. 8	...	...	8	...
Jamison C. & C. Co	No. 9	...	...	4	...
New Central Coal Co	Stafford	...	...	3	...
Va. & Pittsburgh C. & C. Co	Kingmont	...	3	...	...
Va. & Pittsburgh Coal & C. Co	Morgan	...	...	...	1
Total		1	48	40	2
MARSHALL COUNTY.					
Ben Franklin C. Co. of W. Va	Panama	...	3	...	...
Glendale Coal Co	Glendale	...	1	...	...
Hitchman C. & C. Co	Hitchman	...	5	...	...
Mound Coal Co	Mound	...	1	...	...
Parr's Run Coal Co	Parr's Run	...	1	...	...
Wheeling Steel & Iron Co	Benwood	...	6	...	...
Total		...	17	...	...
MASON COUNTY.					
Hutchinson Coal Co	Linden	...	2	...	...
Jackson Coal & Mining Co	Jackson	...	1	...	...
Newton, J. M. & D. E, Co	Hartford	...	1	...	...
Total		...	4	...	...
McDOWELL COUNTY.					
Algoma C. & C. Co	Piney & Stone Bank	1	5	...	...
Ashland C. & C. Co	Ashland & Monitor	...	3	...	...
Arlington Coal & C. Co	Arlington	...	4	...	...
Blackwolf Coal & Coke Co	Black Wolf	...	2	...	...
Bottom Creek C. & C. Co	No. 1	...	3	...	...
Bottom Creek C. & C. Co	No. 2	...	2	...	...
Buchanan Coal Co	Buchanan	...	...	...	1
Carter Coal Co	Nos. 1 East & West	...	2	...	...
Carter Coal Co	Nos. 2, East & West	...	4	...	...
Carter Coal Co	Six	...	10	...	...
Carter Coal Co	Nora & Old No. 8	...	5	...	...
Carter Coal Co	Caretta	...	6	...	...
Cirrus Coal & Coke Co	No. 2	...	2	...	...
Crozer Coal & Coke Co	Nos. 1 & 2	...	5	...	...
Davy-Pocahontas Coal Co	No. 1	...	1	...	...
Davy-Pocahontas Coal Co	No. 2	...	1	...	...
Dry Fork Colliery Co	Dry Fork	...	2	...	...
Elkhorn C. & C. Co	Elkhorn	3	...	...	...
Elk Ridge C. & C. Co	Elkridge	2	...	...	...
Empire Coal & C. Co., The	Empire	...	2	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Eureka C. & C. Co.	Eureka	3	...	...	...
Excelsior-Poca Coal Co.	Excelsior 138	...	4	...	...
Flat Top Coal Mining Co.	English	...	1	...	...
Gilliam Coal & Coke Co.	Gilliam	...	6	...	...
Greenbrier Coal & Coke Co.	Greenbrier	...	4	...	...
Hemphill Colliery	Hemphill	...	...	...	1
Henrietta Poca C. Co.	Henrietta	...	...	...	1
Houston Coal & C. Co.	Nos. 1 & 2	...	3	...	...
Houston Collieries Co.	Huger	...	12	...	...
Indian Ridge C. & C. Co.	Indian Ridge	...	6	...	...
J. B. B. Coal Co.	No. 1	...	1	...	...
J. B. B. Coal Co.	No. 2	...	1	...	...
J. B. B. Coal Co.	No. 3	...	2	...	...
J. B. B. Coal Co.	No. 4	...	3	...	...
Keystone Coal & C. Co.	Nos. 1 & 2	...	4	...	...
King Coal Co., The	King	...	3	...	...
Lake Superior Coal Co.	No. 1	...	7	...	...
Lake Superior Coal Co.	No. 2	...	5	...	...
Lathrop Coal Co.	Lathrop	...	6	...	...
Lynchburg C. & C. Co.	Lynchburg	...	2	...	...
McDowell C. & C. Co.	McDowell	...	8	...	...
Mohawk C. & C. Co.	Mohawk	...	...	1	...
New Pocahontas Coal Co.	Pando	...	2	...	...
New River & Poca. Cons. Coal Co.	Berwind No. 1	...	7	...	...
New River & Poca. Cons. Coal Co.	Berwind No. 2	...	7	...	...
New River & Poca. Cons. Coal Co.	Berwind No. 3	...	7	...	...
New River & Poca. Cons. Coal Co.	Berwind No. 4	...	5	...	...
New River & Poca. Cons. Coal Co.	Berwind No. 5	...	3	...	...
Oregon Coal Co.	No. 2	1	1	...	...
Page Coal & Coke Co.	Nos. 1, 2 & 3	...	7	...	...
Panther Coal Co.	Panther	...	1	...	...
Peerless Coal & Coke Co.	Nos. 1 & 2	...	5	...	...
Poca. Consol. Collieries Co., Inc.	Angle	...	3	...	...
Poca. Consol. Collieries Co., Inc.	Cherokee	...	3	...	...
Poca. Consol. Collieries Co., Inc.	Delta	...	3	...	...
Poca. Consol. Collieries Co., Inc.	Lick Branch	...	4	...	...
Poca. Consol. Collieries Co., Inc.	Norfolk	...	3	...	...
Poca. Consol. Collieries Co., Inc.	No. 6	...	9	...	...
Poca. Consol. Collieries Co., Inc.	No. 7	...	5	...	...
Poca. Consol. Collieries Co., Inc.	No. 8	...	5	...	...
Poca. Consol. Collieries Co., Inc.	Rolfe	...	4	...	...
Poca. Consol. Collieries Co., Inc.	Shamokin	...	4	...	...
Pocahontas Domestic C. Co.	Scorpion	...	1	...	...
Poca. Smokeless C. Co.	Poca Smokeless	...	2	...	...
Powhatan C. & C. Co.	East & West	...	4	...	...
Premier Poca. Collieries Co.	Nos. 1, 2, 3 & 4	...	7	...	...
Pulaski Iron Co.	Nos. 1, 2 & 3	...	8	...	...
Roanoke C. & C. Co.	Roanoke	...	3	...	...
Shawnee Coal & C. Co.	Shawnee	...	2	...	...
Solvay Collieries Co.	Big Sandy	...	2	...	...
Solvay Collieries Co.	Marytown	...	3	...	...
Standard Poca. Coal Co., The	Standard	...	3	...	...
Superior Poca. Coal Co.	Blackstone	...	1	...	...
Superior Poca. Coal Co.	Cletus	...	2	...	...
Superior Poca. Coal Co.	Davy Crockett	...	1	...	...
Superior Poca. Coal Co.	Helena	...	1	...	...
Tidewater Coal & C. Co., The	Tidewater	...	3	...	...
Turkey Gap Coal & Coke Co.	Turkey Gap	1	...	...	...
United States Coal & Coke Co.	No. 2	...	4	...	...
United States Coal & Coke Co.	No. 3	...	3	...	...
United States Coal & Coke Co.	No. 4	...	2	...	...
United States Coal & Coke Co.	No. 5	...	1	...	...
United States Coal & Coke Co.	No. 6	...	4	...	...
United States Coal & Coke Co.	No. 7	...	3	...	...
United States Coal & Coke Co.	No. 8	...	2	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
United States Coal & Coke Co.	No. 9	...	12	...	...
United States Coal & Coke Co.	No. 10	...	4	...	...
United States Coal & Coke Co.	No. 11	...	4	...	...
United States Coal & Coke Co.	No. 12	...	2	...	...
Upland Coal & Coke Co.	No. 1	...	3	...	...
Vaughan Coal & Coke Co.	Vaughan	...	2	...	...
West Va. Poca. Coal Co.	Nos. 1 & 2	...	3	...	...
Yukon-Poca. Coal Co.	Nos. 1 & 2	...	3	...	...
Zenith Coal & Coke Co.	Nos. 1 & 2	...	6	...	...
Total		10	326	1	3
MERCER COUNTY.					
American Coal Co.	Crane Creek	...	3	...	...
American Coal Co.	Piedmont	...	2	...	...
Booth-Bowen Coal & Coke Co.	Booth-Bowen	3	...	...	...
Buckeye Coal & Coke Co.	Buckeye	4	...	...	...
Crystal Coal & Coke Co.	No. 1	...	2	...	...
Crystal Coal & Coke Co.	No. 2	...	1	...	...
Ennis Coal Co.	Hiawatha	...	3	...	...
Godfrey Coal Co., Inc.	Godfrey	1	...	...	...
Louisville Coal & Coke Co.	Louisville No. 2, Klondyke No. 3, Goodwill	...	4	...	...
Mill Creek Coal & Coke Co.	Coaldale	1	1	...	...
Mill Creek Coal & Coke Co.	East, West, West Fork and Tug River	3	4	...	...
Pawama Coal & Coke Co., The.	Nos. 1 & 2	...	1	...	...
Poca. Consol. Collieries Co., Inc.	Caswell Hemlock & Elkhorn	4	...	...	...
Poca. Consol. Collieries Co., Inc.	Sagamore Nos. 1 & 2	...	4	...	...
Poca. Consol. Collieries Co., Inc.	West	...	1	...	...
Smokeless Coal & Coke Co., The.	Smokeless	...	1	...	...
Solvay Collieries Co.	Spring	...	1	...	...
Thomas Coal Co., The.	No. 1	...	2	...	...
Thomas Coal Co., The.	No. 2	...	1	...	...
Turkey Gap Coal & Coke Co.	Nos. 1 & 2	...	6	...	...
Weyanoke Coal & Coke Co.	Nos. 1 & 2	...	7	...	...
Total		16	44	...	...
MINERAL COUNTY.					
Abram's Creek Coal & Coke Co.	No. 1	...	2	...	...
Davis Coal & Coke Co.	No. 6	1	...	...	...
Davis Coal & Coke Co.	No. 19	...	1	...	...
Davis Coal & Coke Co.	No. 20	...	...	...	1
Davis Coal & Coke Co.	No. 51	...	2	...	...
Gleason Coal & Coke Co.	Gleason	...	2	...	...
Masteller Coal Co.	Hampshire No. 1 & 2	1	...	...	...
Total		2	7	...	1
MINGO COUNTY.					
Buffalo Collieries Co., The.	Buffalo	...	7	...	...
Crystal Block C. & C. Co.	Nos. 1 & 2	1	2	...	...
Glen Alum Coal Co.	Nos. 1, 2, 3 & 4	...	14	...	...
Howard Colliery Co.	Frederick	1	...	...	...
Howard Colliery Co.	Howard	1	...	...	...
Howard Junior Coal Co.	Chattaroy	2	...	...	...
Magnolia Coal & Coke Co.	Magnolia	...	...	...	1
Margaret Mining Co.	Margaret	1	...	...	...
Mary Helen Coal Co.	Mary Helen	...	4	...	...
Red Jacket Cons. C. & C. Co.	Mitchell Branch & Rutherford	...	17	...	...
Red Jacket Cons. C. & C. Co.	Red Jacket	...	1	...	...
Red Jacket Jr. C. Co.	Junior	...	7	...	...
Shanklin, Jas. R., Coal Co.	Naugatuck	1	...	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Sternberger, E. L.	Sternberger	...	...	...	1
Stone Mountain Coal Corporation	Marvin	...	2	...	...
Superior Thacker C. & C. Co	No. 1	...	1	...	...
Sycamore Coal Co	Cinderella	...	5	...	...
Thacker Coal & Coke Co	Nos. 2, 3, 6, 7, 8 & 9	...	3	...	...
Thacker Coal & Coke Co	Nos. 11, 12, 13 & 14	...	6	...	...
War Eagle Coal Co	Mephisto	...	...	1	...
War Eagle Coal Co	Pappoose	...	...	1	...
White Star Mining Co	Nos. 1 & 2	...	1	...	...
Williamson C. & C. Co	Winifrede	...	6	...	...
Total		7	76	2	2
MONONGALIA COUNTY.					
Consolidation Coal Co	No. 30	...	1	...	...
Elkins Coal & Coke Co	No. 1	...	3	...	...
Elkins Coal & Coke Co	No. 3	...	1	...	...
Elkins Coal & Coke Co	No. 5	...	5	...	...
Total		...	10	...	...
NICHOLAS COUNTY.					
Coalbell Coal Co	Trees No. 1	...	4	...	...
Saxman Coal & Coke Co., The	Nos. 1, 2 & 3	...	2	...	...
Total		...	6	...	...
OHIO COUNTY.					
Creighton, W. F.	Creighton	...	...	...	1
Elm Grove Coal Co	Elm Grove	...	1	...	...
Richland Coal Co	Richland	...	5	...	...
Whitaker Glessner Co	Carter	...	1	...	...
Total		...	7	...	1
PRESTON COUNTY.					
Austen Coal & Coke Co	No. 1	...	4	...	...
Austen Coal & Coke Co	No. 2	...	1	...	...
Elkins Coal & Coke Co	No. 2	...	7	...	...
Elkins Coal & Coke Co	No. 4	...	3	...	...
Elkins Coal & Coke Co	No. 6	...	5	...	...
Elkins Coal & Coke Co	No. 7	...	2	...	...
Hiorra Coke Co.	Vulcan	...	1	...	...
Late, Gordon B., Coal Co	No. 1	1	...	...	...
Preston County Coke Co	Nos. 1, 2 & 3	...	5	...	...
Somersett Smokeless Coal Co	Tunnelton	...	8	...	...
Va.-Maryland Coal Corporation	Scotch Hill	...	...	...	1
Total		1	36	...	1
PUTNAM COUNTY.					
Black Betsey Coal & Mining Co	Nos. 2 & 3	...	4	...	...
Oak Forest Coal Co	Oak Forest	...	1	...	...
Otto Marmet Coal & Mining Co	Nos. 1, 2 & 3	...	5	...	...
Plymouth Coal & Mining Co	Plymouth	2	2	...	...
Total		2	12	...	...
RALEIGH COUNTY.					
Bailey Wood Coal Co	Bailey Wood	...	6	...	...
Beckley Coal & Coke Co	Beckley	...	4	...	...
Clear Fork Coal Co	Leevale	...	3	...	...
Cranberry Fuel Co.	Cranberry	...	3	...	...
Cranberry Fuel Co.	Sprague	...	1	...	...
Four States Coal & Coke Co	Dorothy	...	9	...	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
Four States Coal & Coke Co	Sarita	...	8	...	...
Gulf Coal Co.	Nos. 1, 2 & 3	...	2	...	...
Gulf Smokeless Coal Co	Nos. 1, 2 & 3	...	11	...	...
Lanark Coal Co.	No. 4	...	2	...	...
Lynwin Coal Co.	Lynwin	...	1	...	...
Mabscott Coal & Coke Co	Mabscott	...	1	...	...
Marsh Fork Coal Co	Marsh Fork	...	3	...	...
MacAlpin Coal Co	MacAlpin	...	11	...	...
McKell C. & C. Co	Graham Nos. 1 & 2	...	3	...	...
McKell C. & C. Co	Oswald Nos. 1, 2, 3 & 4	...	8	...	...
McKell C. & C. Co	Tamroy	...	7	...	...
New River Collieries Co	Eccles Nos. 3 & 4	...	7	...	...
New River Collieries Co	Eccles Nos. 5 & 6	...	13	...	...
Pemberton Coal & Coke Co	Affinity	...	4	...	...
Pemberton Coal & Coke Co	Big Stick	...	1	...	...
Piney Mining Co	Nos. 1 & 2	...	3	...	...
Piney Mining Co	No. 3	...	1	...	...
Piney Mining Co	No. 4	...	1	...	...
Price Hill Fuel Co	Price Hill	...	2	...	...
Raleigh Coal & Coke Co	Nos. 1, 2 & 4	...	5	...	...
Raleigh Coal & Coke Co	No. 3	...	7	...	...
Raleigh Coal & Coke Co	Nos. 5 & 6	...	11	...	...
Slab Fork Coal Co	Nos. 2, 3, 6 & 7	...	9	...	...
Slab Fork Coal Co	No. 5	...	2	...	...
Stonewall C. & C. Co	Stonewall & Terry	...	6	...	...
White, E. E., Coal Co	Glen White Nos. 1 & 2	...	9	...	...
White, E. E., Coal Co	Stotesbury, 1, 3, 5, 6 & 7	...	10	...	...
Winding Gulf Colliery Co	Nos. 1 & 3	...	10	...	...
Winding Gulf Colliery Co	No. 2	...	5	...	...
Wright Coal & Coke Co	No. 1	...	2	...	...
Wright Coal & Coke Co	No. 2	1	...	...	...
Total		1	191	...	...
RANDOLPH COUNTY.					
Brady Coal Co	Klondyke	...	...	...	1
Davis Colliery Co	Coalton Nos. 1 & 3	...	6	...	...
Davis Colliery Co	Harding Nos. 1, 3 & 5	...	3	...	...
Jenkins, J. B., Coal & Coke Co	Ariana	...	1	...	...
Total		...	10	...	1
TAYLOR COUNTY.					
Maryland Coal Co. of W. Va	Wendel Nos. 1, 2 & 4	...	4	...	...
McGraw Coal Co	New York No. 1	...	4	...	...
Pittsvein Coal Co	No. 4	...	1	...	...
Rosemont Coal Co	Rosemont	...	3	...	...
Sterling Coal Co., Ltd	Cecil	...	2	...	...
Winona Coal & Coke Co	No. 2	...	2	...	...
Total		...	16	...	...
TUCKER COUNTY.					
Cumberland Coal Co	Douglas No. 1	...	4	...	...
Cumberland Coal Co	Douglas No. 2	1	...	...	...
Cumberland Coal Co	No. 6	1	...	...	...
Davis Coal & Coke Co.	No. 23	...	4	...	...
Davis Coal & Coke Co.	No. 25	...	2	...	...
Davis Coal & Coke Co.	No. 34	...	2	...	...
Davis Coal & Coke Co.	No. 36	...	5	...	...
Davis Coal & Coke Co.	No. 37	...	5	...	...
Davis Coal & Coke Co.	No. 38	...	6	...	...
Davis Coal & Coke Co.	No. 39	...	4	...	...
Davis Coal & Coke Co.	No. 40	...	5	...	...
Davis Coal & Coke Co.	No. 41	...	2	...	...
Total		2	39	.	...

NUMBER AND KIND OF LOCOMOTIVES IN USE AT THE MINES—1914.

NAME OF COMPANY.	NAME OF MINE.	LOCOMOTIVES			
		Steam	Electric	Compressed Air	Gasoline
UPSHUR COUNTY.					
Buckhannon River C. C. Co.	Florence No. 2	...	1	...	...
Red Rock Fuel Co.	Red Rock	...	3	...	...
Total		...	4	...	...
WAYNE COUNTY.					
East Lynn Coal Co.	No. 1	...	1	...	...
Total		...	1	...	...

TABLE SHOWING NO. OF OPENINGS, TOTAL NO. OF COKE OVENS, ACRES OF COAL WORKED OUT FROM COMMERCOAL MINES, NUMBER OF MEN KILLED, NON-FATALLY INJURED, ETC.

	Number of Mine Openings.	Acres of Coal Worked Out from Commercial Mines.	Total Number of Coke Ovens	Number of Men Killed	Number of Men Injured Non-Fatally	No. of Horses and Mules Used at the Mines	No. of Fans	No. of Furnaces	No. of Natural Ventilation	Number of Fire Baskets, Air Shafts, Stacks, etc.
Barbour	15	163	161	4	15	112	10	4	......	......
Boone	9	87	......	......	2	29	7	1	......	......
Braxton	8	23	......	4	2	26	2	2	......	......
Brooke	5	390	......	3	7	25	5	......	......	......
Clay	4	78	......	1	2	18	4	2	......	......
Fayette	130	1,511	2,222	56	191	1,132	115	7	3	......
Gilmer	3	13	......	......	......	12	2	1	......	......
Grant	3	30	......	1	1	14	2	1	......	......
Greenbrier	1	5	......	......	1	8	1	......	......	......
Harrison	71	637	180	21	46	568	63	4	4	......
Kanawha	100	819	15	14	61	757	97	2	2	......
Lewis	2	4	......	1	1	8	1	......	......	......
Lincoln	2	14	......	......	......	11	1	1	......	......
Logan	69	661	......	18	32	225	59	3	1	......
Marion	36	590	960	24	75	458	27	4	3	......
Marshall	7	188	......	5	5	32	7	......	......	......
Mason	3	27	......	......	2	14	3	......	......	......
McDowell	127	1,811	9,681	114	180	1,353	120	3	......	......
Mercer	33	400	2,020	12	27	375	34	1	......	......
Mineral	16	140	......	......	8	88	14	1	1	......
Mingo	41	397	......	20	21	270	35	4	......	* 1
Monongalia	8	54	280	3	3	19	3	2	4	......
Nicholas	6	13	50	......	2	5	4	......	....	** 2
Ohio	5	317	......	5	5	26	6	......	......	......
Preston	21	238	1,137	6	17	99	21	2	1	......
Putnam	8	67	......	2	9	94	4	......	1	......
Raleigh	65	761	......	213	106	329	46	4	1	......
Randolph	15	119	420	1	5	68	6	5	......	......
Taylor	12	122	30	6	21	81	13	......	1	......
Tucker	16	195	593	6	19	114	16	......	......	......
Upshur	3	21	36	......	1	7	2	1	......	......
Wayne	1	15	......	......	3	6	......	1	......	......
Wyoming	2	6	......	1	......	7	1	1	......	......
Total	847	9,916	17,785	541	870	6,390	631	57	22	3

* Stack. ** A Shaft.

GENERAL SUMMARY OF INSPECTIONS BY DISTRICTS, JULY 1ST, 1913, TO JUNE 30TH, 1914.

DISTRICTS.	INSPECTORS.	Number of Inspections	Number of Visits	Total
First	W. B. Riggleman	103	4	107
First	K. F. Schoew	31	11	42
First	F. E. Parsons	12	......	12
First	L. D. Vaughn	6	......	6
Second	F. E. Parsons	170	24	194
Second	W. B. Riggleman	1	......	1
Second	W. B. Plaster	1	......	1
Second	Enoch Carver	1	......	1
Second	L. D. Vaughn	3	......	3
Third	L. D. Vaughn	199	......	199
Third	F. E. Parsons	4	......	4
Third	W. B. Riggleman	1	......	1
Fourth	W. B. Plaster	127	7	134
Fourth	Enoch Carver	7	......	7
Fifth	R. B. Cobb	156	3	159
Fifth	Enoch Carver	18	......	18
Fifth	W. B. Plaster	18	......	18
Fifth	James Martin	3	......	3
Sixth	Enoch Carver	200	......	200
Sixth	J. H. Jackson	50	......	50
Sixth	W. B. Plaster	1	......	1
Sixth	James Martin	6	......	6
Seventh	James Martin	143	4	147
Seventh	E. J. Mason	96	......	96
Seventh	R. B. Cobb	9	......	9
Eighth	R. Y. Muir	186	4	190
Eighth	James Martin	17	......	17
Ninth	L. B. Holliday	262	13	275
Ninth	R. Y. Muir	1	......	1
Ninth	Jas. Martin	2	......	2
Ninth	Isaac Murray	1	......	1
Tenth	Arthur Mitchell	106	1	107
Tenth	Isaac Murray	128	......	128
Tenth	J. H. Flannigan	6	......	6
Eleventh	L. Blenkinsopp	273	1	274
Eleventh	R. Y. Muir	4	......	4
Eleventh	H. H. Pinkney	3	......	3
Twelfth	E. C. Lambert	164	......	164
Twelfth	H. H. Pinkney	66	1	67
Total		2,585	73	2,658

GENERAL SUMMARY OF INSPECTIONS BY COUNTIES FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	Inspections	Visits	Totals
Barbour	46	..	46
Boone	21	..	21
Braxton	20	..	20
Brooke	6	..	6
Clay	20	1	21
Fayette	402	15	417
Gilmer	11	3	14
Grant	6	..	6
Greenbrier	1	..	1
Harrison	167	22	189
Kanawha	327	1	328
Lewis	3	2	5
Lincoln	3	..	3
Logan	171	..	171
Marion	117	15	132
Marshall	25	..	25
Mason	8	..	8
McDowell	501	3	504
Mercer	110	..	110
Mineral	42	3	45
Mingo	92	..	92
Monongalia	24	..	24
Nicholas	6	..	6
Ohio	7	..	7
Preston	86	..	86
Putnam	13	..	13
Raleigh	202	..	202
Randolph	37	6	43
Taylor	48	..	48
Tucker	45	2	47
Upshur	7	..	7
Wayne	4	..	4
Wyoming	7	..	7
Total	2585	73	2658

TOTAL NUMBER OF INSPECTIONS AND VISITS MADE BY EACH INSPECTOR DURING THE YEAR ENDING JUNE 30TH, 1914

INSPECTOR.	Number of Inspections	Number of Visits	Total
Karl F. Schoew	31	11	42
W. B. Riggleman	105	4	109
F. E. Parsons	186	24	210
L. D. Vaughn	208	..	208
W. B. Plaster	147	7	154
R. B. Cobb	165	3	168
J. H. Jackson	50	..	50
Enoch Carver	226	..	226
E. J. Mason	96	..	96
James Martin	171	4	175
L. B. Holliday	262	13	275
R. Y. Muir	191	4	195
Isaac Murray	129	..	129
Arthur Mitchell	106	1	107
J. H. Flannigan	6	..	6
H. H. Pinkney	69	1	70
L. Blenkinsopp	273	1	274
E. C. Lambert	164	..	164
Total	2585	73	2658

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
BARBOUR COUNTY.					
The Consolidation Coal Co.	No. 37	5	0	3	L. D. Vaughn.
The Consolidation Coal Co.	North No. 37	3	0	3	L. D. Vaughn.
Century Coal Co.	No. 1	2	0	3	L. D. Vaughn.
Century Coal Co.	No. 2	2	0	3	L. D. Vaughn.
Davis Coal & Coke Co.	Dartmoor No. 4	3	0	3	L. D. Vaughn.
Davis Coal & Coke Co.	Weaver No. 3	2	0	4	W. B. Plaster.
Davis Colliery Co.	Junior No. 1	1	0	3	L. D. Vaughn.
Davis Colliery Co.	No. 4	2	0	3	L. D. Vaughn.
Gage Coal & Coke Co.	Sarah No. 1	2	0	3	L. D. Vaughn.
Gage Coal & Coke Co.	Sarah No. 2	1	0	3	L. D. Vaughn.
Grafton Fuel Co.	Lillian No. 1	3	0	3	L. D. Vaughn.
Grafton Fuel Co.	Lillian No. 2	1	0	3	L. D. Vaughn.
Green, W. H.	Williette	1	0	4	W. B. Plaster.
Humphrey's Coal Co.	No. 1	3	0	3	L. D. Vaughn.
Luella Coal & Coke Co.	No. 1	4	0	3	L. D. Vaughn.
Laurel Creek Coal Co.	No. 1	1	0	3	L. D. Vaughn.
Midland Coal & Coke Co.	No. 1	1	0	3	L. D. Vaughn.
Sandridge, Lee J.	Meriden	3	0	3	L. D. Vaughn.
Tygart's River Coal Co.	Arden	6	0	3	L. D. Vaughn.
Total		46	0		
BOONE COUNTY.					
Anchor Coal Co.	Anchor	2	0	6	Enoch Carver.
Coal River Co.	Ottawa	2	0	6	Enoch Carver.
Hickory Ash Coal Co.	No. 1	2	0	6	Enoch Carver.
Hickory Ash Coal Co.	No. 1	1	0	6	J. H. Jackson.
Hickory Ash Coal Co.	No. 2	2	0	6	Enoch Carver.
Hickory Ash Coal Co.	No. 2	1	0	6	J. H. Jackson.
Hickory Ash Coal Co.	No. 3	1	0	6	Enoch Carver.
Hickory Ash Coal Co.	Peytona	2	0	6	J. H. Jackson.
Peytona Block Coal Co.	Peytona No. 2	1	0	6	Enoch Carver.
Peytona Block Coal Co.	Peytona No. 2	1	0	3	J. H. Jackson.
Seng Creek Coal Co.	Seng Creek	2	0	6	Enoch Carver.
Spruce Bend Coal Co.	Ramage	2	0	6	Enoch Carver.
Webb Coal Mining Co.	Webb	2	0	6	Enoch Carver.
Total		21	0		
BRAXTON COUNTY.					
Copen Creek Coal Co.	Vanwith	3	0	5	R. B. Cobb.
Copen Creek Coal Co.	Vanwith	1	0	5	Enoch Carver.
Copen Creek Coal Co.	Vanwith	1	0	5	W. B. Plaster.
Davis Colliery Co.	Bower No. 3	1	0	5	Enoch Carver.
Davis Colliery Co.	Bower No. 3	1	0	5	W. B. Plaster.
Davis Colliery Co.	Bower No. 3	1	0	5	R. B. Cobb.
Davis Colliery Co.	Copen	1	0	5	R. B. Cobb.
Davis Colliery Co.	Copen No. 10	1	0	5	R. B. Cobb.
Davis Colliery Co.	Copen No. 11	1	0	5	R. B. Cobb.
Davis Colliery Co.	Copen No. 11	1	0	5	Enoch Carver.
Davis Colliery Co.	Copen No. 11	1	0	5	W. B. Plaster.
Davis Colliery Co.	Bower No. 5	1	0	5	R. B. Cobb.
Davis Colliery Co.	Bower No. 7	1	0	5	R. B. Cobb.
Davis Colliery Co.	Bower No. 7	1	0	5	Enoch Carver.
Davis Colliery Co.	Bower No. 7	1	0	5	W. B. Plaster.
Gilmer Consolidated C. Co.	Braxton	1	0	5	W. B. Plaster.
Gilmer Consolidated C. Co.	Braxton	1	0	5	Enoch Carver.
Gilmer Consolidated C. Co.	Braxton	1	0	5	R. B. Cobb.
Total		20	0		
BROOKE COUNTY.					
LaBelle Iron Works	Shaft	1	0	1	L. D. Vaughn.
LaBelle Iron Works	Shaft	1	0	1	W. B. Riggleman.
Richland Block Coal Co.	Beech Bottom	1	0	1	W. B. Riggleman.
W. Va. Pittsburg Coal Co.	Colliers	1	0	1	W. B. Riggleman.
W. Va. Pittsburg Coal Co.	Gilchrist	1	0	1	W. B. Riggleman.
W. Va. Pittsburg Coal Co.	La Belle	1	0	1	W. B. Riggleman.
Total		6	0		

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
CLAY COUNTY.					
Elliott Splint Coal Co....	Elliott	1	1	5	R. B. Cobb.
Elliott Splint Coal Co....	York	1	0	5	R. B. Cobb.
Elliott Splint Coal Co....	York	1	0	5	Enoch Carver.
Elliott Splint Coal Co....	York	1	0	5	W. B. Plaster.
Elk Manor Coal Co......	Elk Manor	1	0	5	R. B. Cobb.
Elk Manor Coal Co......	Elk Manor	1	0	5	Enoch Carver.
Elk Manor Coal Co......	Elk Manor	1	0	5	W. B. Plaster.
Elk River Coal & Lmbr. Co.	Rich Run	1	0	5	W. B. Plaster.
Elk River Coal & Lmbr. Co.	Rich Run	1	0	5	Enoch Carver.
Elk River Coal & Lmbr. Co.	Rich Run	3	0	5	R. B. Cobb.
Elk River Coal & Lmbr. Co.	Rich Run	2	0	5	James Martin.
Queen Shoals Coal Co....	No. 1	1	0	5	W. B. Plaster.
Queen Shoals Coal Co....	No. 1	1	0	5	Enoch Carver.
Queen Shoals Coal Co....	No. 2	1	0	5	Enoch Carver.
Queen Shoals Coal Co....	No. 2	1	0	5	R. B. Cobb.
Queen Shoals Coal Co....	No. 2	1	0	5	W. B. Plaster.
Queen Shoals Coal Co....	Burnzwell	1	0	5	R. B. Cobb.
Total..........	....	20	1		
FAYETTE COUNTY.					
Ajax Coal Co...	Newlyn	1	0	8	R. Y. Muir.
Alaska C. & C. Co.......	Alaska	2	0	8	R. Y. Muir.
Babcock Coal & C. Co....	No. 3	2	0	8	R. Y. Muir.
Babcock Coal & C. Co....	No. 4	1	0	8	R. Y. Muir.
Ballinger Coal Co........	Ballinger	3	0	8	R. Y. Muir.
Beechwood Coal & Coke Co.	No. 1	4	0	8	R. Y. Muir.
Beechwood Coal & Coke Co.	No. 2	3	0	8	R. Y. Muir.
Beury Bros. Coal & C. Co.	Echo	4	0	8	R. Y. Muir.
Big Bend Coal Co.......	Big Bend	3	0	8	R. Y. Muir.
Blume Coal & Coke Co...	Blume	4	0	5	R. Y. Muir.
Boomer Coal & Coke Co..	No. 1	3	0	5	R. B. Cobb.
Boomer Coal & Coke Co..	No. 2	4	0	5	R. B. Cobb.
Boomer Coal & Coke Co..	No. 3	2	0	5	R. B. Cobb.
Boomer Coal & Coke Co..	No. 4	2	0	5	R. B. Cobb.
Boomer Coal & Coke Co..	No. 5	1	0	5	R. B. Cobb.
Boomer Coal & Coke Co..	No. 6	1	0	5	R. B. Cobb.
Branch Coal & Coke Co...	Elverton	3	1	8	R. Y. Muir.
Brown Coal Co..........	Brown	1	0	8	R. Y. Muir.
Cannelton Coal & Coke Co.	No. 2 North	2	0	5	R. B. Cobb.
Cannelton Coal & Coke Co.	No. 2 South	3	0	5	R. B. Cobb.
Cannelton Coal & Coke Co.	No. 2 Gas	4	0	5	R. B. Cobb.
Cannelton Coal & Coke Co.	No. 3	4	0	5	R. B. Cobb.
Cannelton Coal & Coke Co.	No. 4	3	0	5	R. B. Cobb.
Cannelton Coal & Coke Co.	No. 4 Gas	1	0	5	R. B. Cobb.
Christian Colliery Co.....	No. 1	2	0	7	E. J. Mason.
Christian Colliery Co.....	No. 1	3	0	7	James Martin.
Christian Colliery Co.....	No. 2	3	0	7	James Martin.
Christian Colliery Co.....	Powellton No. 1	1	0	7	E. J. Mason.
Christian Colliery Co.....	Powellton No. 2.....	1	1	7	E. J. Mason.
Collins Colliery Co.......	No. 1	2	0	9	L. B. Holliday.
Collins Colliery Co.......	No. 2	2	0	9	L. B. Holliday.
Collins Colliery Co.......	No. 3	3	0	9	L. B. Holliday.
Collins Colliery Co.......	No. 4	2	0	9	L. B. Holliday.
Columbus Iron & Steel Co.	Marting	2	0	5	R. B. Cobb.
Cranberry Fuel Co.......	Prosperity	1	0	9	L. B. Holliday.
Cranberry Fuel Co.......	Sprague	1	0	9	L. B. Holliday.
Croft & Evans...........	Signal Knob	1	0	8	R. Y. Muir.
Deitz Colliery Co........	Vanetta No. 2	1	0	7	James Martin.
Deitz Colliery Co........	Vanetta No. 5	1	0	7	James Martin.
Deitz Colliery Co........	Wyndel No. 2	1	0	7	James Martin.
Deitz Colliery Co........	No. 2	1	0	8	R. Y. Muir.
Deitz Colliery Co........	No. 5	1	0	8	R. Y. Muir.
Dunbar, S. M.	Newlyn	1	0	8	R. Y. Muir.
Dun Glen Coal Co.......	No. 1	2	0	9	L. B. Holliday.
Dun Glen Coal Co.......	No. 2	3	0	9	L. B. Holliday.
Dun Glen Coal Co.......	No. 3	4	0	9	L. B. Holliday.
Dun Glen Coal Co.......	No. 4	1	0	9	L. B. Holliday.
Dunloop Coal & Coke Co..	No. 2	2	0	9	L. B. Holliday.
Dunloop Coal & Coke Co..	No. 3	1	0	9	L. B. Holliday.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Dunloop Coal & Coke Co..	No. 4	3	0	9	L. B. Holliday.
Dunloop Coal & Coke Co..	No. 5	3	0	9	L. B. Holliday.
Dunloop Coal & Coke Co..	No. 6	2	0	9	L. B. Holliday.
Ephraim Creek C. & C. Co.	Buffalo	2	0	8	R. Y. Muir.
Elmo Mining Co.........	Elmo	3	0	8	R. Y. Muir.
Eureka Coal Co.........	No. 1	1	0	7	James Martin.
Eureka Coal Co.........	No. 2	1	0	7	James Martin.
Evans & Sons...........	No. 1	1	0	7	R. Y. Muir.
Evans & Sons...........	No. 2	1	0	7	R. Y. Muir.
Export Coal Co..........	Export	3	0	7	R. Y. Muir.
Fayette Coal & Coke Co..	Fayette	2	0	7	R. Y. Muir.
Fire Creek Coal & Coke Co.	Buffalo	3	0	8	R. Y. Muir.
Fort Defiance C. & C. Co..	Fort Defiance	2	0	8	R. Y. Muir.
Fort Defiance C. & C. Co..	Fort Defiance	1	0	8	James Martin.
Gauley Mtn. Coal Co.....	Buck Run	1	0	8	R. Y. Muir.
Gauley Mtn. Coal Co.....	Nova Scotia & Turkey Creek	2	0	8	R. Y. Muir.
Glendale Colliery Co.....	Glendale	3	1	8	R. Y. Muir.
Great Kanawha Coll. Co..	Brewster	1	0	7	James Martin.
Greenwood Coal Co......	Greenwood	2	0	8	R. Y. Muir.
Harvey Coal & Coke Co..	No. 1	2	0	9	L. B. Holliday.
Hemlock Hollow C. & C. Co	Hemlock	2	0	8	R. Y. Muir.
Holliday Coal Co........	Keeney's Creek	2	0	8	R. Y. Muir.
Johnson, W. R., Coal Co..	No. 6	1	0	7	James Martin.
Johnson, W. R., Coal Co..	No. 6	1	0	8	R. Y. Muir.
Johnson, W. R., Coal Co..	Oakland	3	0	5	R. B. Cobb.
Johnson, W. R., Coal Co..	No. 2	3	0	5	R. B. Cobb.
Johnson, W. R.. Coal Co..	No. 2 Gas	3	0	5	R. B. Cobb.
Keeney's Creek Colliery Co.	Boone	2	0	8	R. Y. Muir.
Keeney's Creek Colliery Co.	Smokeless	3	0	8	R. Y. Muir.
Lanark Coal Co..........	No. 4	2	0	9	L. B. Holliday.
Laurel Creek C. & C. Co..	Laurel Creek	3	0	8	R. Y. Muir.
Laura Mining Co........	Laura	3	0	9	L. B. Holliday.
Laura Mining Co........	No. 1	1	0	9	L. B. Holliday.
Laura Mining Co........	No. 2	1	0	9	L. B. Holliday.
Long Branch Coal Co.....	No. 1	1	0	9	James Martin.
Long Branch Coal Co.....	No. 2	1	0	9	James Martin.
Long Branch Coal Co.....	No. 2	1	0	9	L. B. Holliday.
Lookont C. & C. Co......	Lookout	3	0	8	R. Y. Muir.
Loup Creek Colliery Co...	No. 2	1	0	8	R. Y. Muir.
Loup Creek Colliery Co...	No. 2	1	0	8	James Martin.
Low Moor Iron Co. of Va.	No. 1	4	0	8	R. Y. Muir.
Low Moor Iron Co. of Va.	No. 2	3	0	8	R. Y. Muir.
Lynchburg Colliery Co...	No. 2	1	0	8	R. Y. Muir.
Lynchburg Colliery Co...	No. 5	1	0	8	R. Y. Muir.
Lynchburg Colliery Co...	No. 5	1	0	8	James Martin.
Macdonald Colliery Co...	Macdonald	2	0	9	L. B. Holliday.
McKell Coal & Coke Co...	Coon	1	0	9	L. B. Holliday.
McKell Coal & Coke Co...	Derryhale	3	0	9	L. B. Holliday.
McKell Coal & Coke Co...	Kilsyth	2	0	9	L. B. Holliday.
Mount Carbon Co., Ltd...	Vulcan & South.....	1	0	8	James Martin.
Mount Carbon Co., Ltd...	Vulcan	1	0	8	R. Y. Muir.
M. B. Coal & Coke Co....	Columbia No. 5	1	0	8	James Martin.
M. B. Coal & Coke Co....	Columbia No. 5	1	0	8	R. Y. Muir.
M. B. Coal & Coke Co....	Elk Ridge	1	0	8	R. Y. Muir.
M. B. Coal & Coke Co....	Elk Ridge No. 1	1	0	8	James Martin.
M. B. Coal & Coke Co....	Elk Ridge No. 2	1	0	8	James Martin.
M. B. Coal & Coke Co....	Elk Ridge No. 2	1	0	8	R. Y. Muir.
M. B. Coal & Coke Co....	Kimberly	1	0	8	R. Y. Muir.
M. B. Coal & Coke Co....	Kimberly	1	0	8	James Martin.
Mecca Colliery Co.......	Diamond	1	0	8	James Martin.
Mecca Colliery Co.......	Diamond	1	0	8	R. Y. Muir.
Mecca Colliery Co.......	Edgewater	2	0	8	R. Y. Muir.
Mecca Colliery Co.......	No. 2	2	0	8	James Martin.
Mecca Colliery Co.......	No. 5	2	0	8	James Martin.
Meadow Fork Coal Co....	Meadow Fork	2	0	9	L. B. Holliday.
Michigan Coal Co........	Michigan	2	0	8	R. Y. Muir.
Midvale Colliery Co......	Gamoca	1	0	8	James Martin.
Midvale Colliery Co......	No. 5	1	0	8	R. Y. Muir.
Mill Creek Colliery Co....	Mill Creek	6	0	8	R. Y. Muir.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Milburn Coal Co.	No. 1	2	0	7	James Martin.
Milburn Coal Co.	No. 1	2	0	7	E. J. Mason.
Mount Hope Coal & C. Co.	Baby	4	0	9	L. B. Holliday.
N. River & Poca Con. C Co.	Layland No. 1	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Layland No. 2	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Layland No. 3	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Minden No. 2	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Minden No. 3	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Minden No. 4	3	0	8	R. Y. Muir.
N. River & Poca Con. C Co.	Minden No. 5	3	1	8	R. Y. Muir.
New River Collieries Co.	Sun No. 1	3	1	9	L. B. Holliday.
New River Collieries Co.	Sun No. 2	2	1	9	L. B. Holliday.
New River Collieries Co.	Sun No. 3	3	0	9	L. B. Holliday.
New River Collieries Co.	Sun	0	1	9	James Martin.
Newlyn Coal Co.	Newlyn	2	0	9	L. B. Holliday.
Nichol Colliery Co.	Nichol	5	0	9	L. B. Holliday.
Nuttallburg-Smokeless C Co	Nuttallburg	4	0	8	R. Y. Muir.
Paint Creek Collieries Co.	Eagle No. 1	1	0	7	E. J. Mason.
Paint Creek Collieries Co.	Hickory Camp	1	0	7	E. J. Mason.
Paint Creek Collieries Co.	Hickory Camp	2	0	7	James Martin.
Paint Creek Collieries Co.	Powellton	2	0	7	James Martin.
Prudence Coal Co.	No. A	1	0	9	L. B. Holliday.
Prudence Coal Co.	No. B	1	0	9	L. B. Holliday.
Prudence Coal Co.	Jones No. 1	2	0	9	L. B. Holliday.
Prudence Coal Co.	Jones No. 2	2	0	9	L. B. Holliday.
Prudence Coal Co.	Jones No. 3	3	0	9	L. B. Holliday.
Quinnimont Coal Co.	Big Q	3	0	8	R. Y. Muir.
Ridgeview Coal Co.	Ridgeview	2	0	8	R. Y. Muir.
River Valley Colliery Co.	River Valley	4	0	8	R. Y. Muir.
Rock Lick Coal Co.	No. 1	3	1	8	R. Y. Muir.
Rock Lick Coal Co.	No. 2	1	0	8	R. Y. Muir.
Rothwell Coal Co.	Dubree	3	0	8	R. Y. Muir.
Scotia Coal & Coke Co.	Brooklyn	3	0	8	R. Y. Muir.
Scotia Coal & Coke Co.	Red Ash	7	0	8	R. Y. Muir.
Scotia Coal & Coke Co.	Rush Run	7	0	8	R. Y. Muir.
Scotia Coal & Coke Co.	Once More	6	0	8	R. Y. Muir.
Sewell Colliery Co.	Sugar Camp	2	0	8	R. Y. Muir.
Solvay Collieries Co.	No. A	2	0	7	James Martin.
Solvay Collieries Co.	No. A.	1	0	7	E. J. Mason.
Solvay Collieries Co.	No. B	1	0	7	E. J. Mason.
Solvay Collieries Co.	No. B	2	0	7	James Martin.
Solvay Collieries Co.	Westerly	1	0	7	James Martin.
Solvay Collieries Co.	Westerly 2	2	0	7	E. J. Mason.
South Side Co.	South Side	3	0	8	R. Y. Muir.
Star Coal & Coke Co.	Star	2	0	9	L. B. Holliday.
St. Clair Colliery Co.	Archer	1	0	8	R. Y. Muir.
St. Clair Colliery Co.	Archer	1	0	8	James Martin.
St. Clair Colliery Co.	St. Clair	1	0	8	R. Y. Muir.
St. Clair Colliery Co.	St. Clair	1	0	8	James Martin.
Stuart Colliery Co.	Lochghelly	3	0	9	L. B. Holliday.
Stuart Colliery Co.	Summerlee	8	0	9	L. B. Holliday.
Stone Cliff C & C Co.	Stone Cliff	4	0	8	R. Y. Muir.
Sugar Creek C & C. Co.	No. 1	1	0	9	L. B. Holliday.
Sugar Creek C & C. Co.	No. 2	3	1	9	L. B. Holliday.
Sunday Creek Co.	No. 111	1	0	5	R. B. Cobb.
Sunday Creek Co.	No. 112	4	0	5	R. B. Cobb.
Sunday Creek Co.	No. 114	1	0	5	R. B. Cobb.
Sunday Creek Co.	No. 115	2	0	5	R. B. Cobb.
Sunday Creek Co.	No. 116	2	0	5	R. B. Cobb.
Sunday Creek Co.	Carbondale	1	0	5	R. B. Cobb.
Sunday Creek Co.	Longacre	1	0	5	R. B. Cobb.
Turkey Knob Coal Co.	Turkey Knob	2	0	9	L. B. Holliday.
Turkey Knob Coal Co.	Hickory Branch	2	0	9	L. B. Holliday.
Turkey Knob Coal Co.	No. 2	1	0	9	L. B. Holliday.
Turkey Knob Coal Co.	No. 3	1	0	9	L. B. Holliday.
White Oak Fuel Co.	Carlisle	5	1	9	L. B. Holliday.
White Oak Fuel Co.	Carlisle	0	2	9	James Martin.
White Oak Fuel Co.	Oakwood	3	1	9	L. B. Holliday.
White Oak Fuel Co.	Oakwood	0	1	9	James Martin.
White Oak Fuel Co.	Scarbro	3	0	9	L. B. Holliday.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
White Oak Fuel Co......	Whipple	2	1	9	L. B. Holliday.
White Oak Fuel Co......	Whipple	0	1	9	James Martin.
White Oak Fuel Co......	Wingrove	3	0	9	L. B. Holliday.
Total...........	....	402	15		
GILMER COUNTY.					
Gilmer Consolidated C. Co.	Brackett	1	1	5	W. B. Plaster
Gilmer Consolidated C. Co.	Katherine	1	1	5	W. B. Plaster
Gilmer Consolidated C. Co.	Katherine	1	0	5	Enoch Carver
Gilmer Fuel Co..........	Gilmer	1	0	5	Enoch Carver
Gilmer Fuel Co..........	Gilmer	1	0	5	W. B. Plaster
Gilmer Fuel Co..........	Gilmer	2	0	5	R. B. Cobb
McCaa Coal Co..........	McCaa	2	1	5	R. B. Cobb
McCaa Coal Co....	McCaa	1	0	5	W. B. Plaster
McCaa Coal Co	McCaa	1	0	5	Enoch Carver
Total...........	....	11	3		
GRANT COUNTY.					
Buffalo Creek Cmbd C. Co.	Buffalo	2	0	4	W. B. Plaster
Davis Coal & Coke Co..	Henry No. 22	2	0	4	W. B. Plaster
Jordon S. H.	Cottage Street	2	0	4	W. B. Plaster
Total...........	....	6	0		
GREENBRIER COUNTY.					
Elk Lick Coal Co........	Spruce Knob	1	0	5	R. B. Cobb
Total...........	....	1	0		
HARRISON COUNTY.					
Clarksburg Gas Coal Co..	McWhorter	2	1	2	F. E. Parsons
Calif Coal Co............	Calif No. 1	2	1	2	F. E. Parsons
Calif Coal Co............	Calif No. 2	4	0	2	F. E. Parsons
Corona Coal & Coke Co..	Harold	3	0	2	F. E. Parsons
Corona Coal & Coke Co..	No. 2	3	1	2	F. E. Parsons
Barnard Coal Co........	Burk	1	0	2	F. E. Parsons
Blue Ridge Coal Co......	Thompson	1	1	2	F. E. Parsons
Burrows Hill Coal Co....	Burrows	1	0	2	F. E. Parsons
Byron Coal Co..........	Althea	3	0	2	F. E. Parsons
Central Fairmont Coal Co.	Snake Hill	1	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 21	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 23	1	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 25	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 27	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 29	3	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 32	1	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 33	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 35	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 39	2	1	2	F. E. Parsons
Consolidation Coal Co., The	No. 40	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 42	4	1	2	F. E. Parsons
Consolidation Coal Co., The	No. 44	2	0	2	F. E. Parsons
Consolidation Coal Co.. The	No. 46	0	1	2	F. E. Parsons
Consolidation Coal Co., The	No. 48	4	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 49	3	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 50-1	4	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 50-2	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 51-3	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 52	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 54	1	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 55	3	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 58	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 60	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 61	1	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 62	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 64	2	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 65	3	0	2	F. E. Parsons
Consolidation Coal Co., The	No. 66	3	0	2	F. E. Parsons

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Consolidation Coal Co., The	No. 77	2	0	2	F. E. Parsons
Fairmont & Balto C & C Co	Fairmore	2	0	2	F. E. Parsons
Fayette Coal Co.........	Fayette	1	0	2	F. E. Parsons
Francois Coal & Coke Co..	Nos. 1, 2, 3, 4 & 5..	1	1	2	F. E. Parsons
Harry B. C. & C. Co.....	Pitcairn	1	1	2	F. E. Parsons
Harrison Coal Co.........	Harrison	3	0	2	L. D. Vaughn
Haywood Coal Mining Co..	Monroe	3	0	2	F. E. Parsons
Hero Coal & Coke Co....	Hero	4	0	2	F. E. Parsons
Hutchinson Coal Co......	Byron No. 2	1	0	2	F. E. Parsons
Hutchinson Coal Co......	Byron No. 3	1	0	2	F. E. Parsons
Hutchinson Coal Co......	Delta	2	0	2	F. E. Parsons
Hutchinson Coal Co......	Erie No. 1	3	0	2	F. E. Parsons
Hutchinson Coal Co.....	Erie No. 2	2	0	2	F. E. Parsons
Hutchinson Coal Co......	Florence	1	0	2	F. E. Parsons
Hutchinson Coal Co......	Girard No. 1	1	0	2	F. E. Parsons
Hutchinson Coal Co......	Girard No. 2	2	0	2	F. E. Parsons
Hutchinson Coal Co......	McCandlish No. 1 ..	3	0	2	F. E. Parsons
Hutchinson Coal Co......	McCandlish No. 2...	2	0	2	F. E. Parsons
Hutchinson Coal Co......	McCandlish No. 3 ..	1	0	2	F. E. Parsons
Hutchinson Coal Co......	York	3	1	2	F. E. Parsons
Hygrade Coal Co.........	Page	4	1	2	F. E. Parsons
Johnson, McIntire C. Co..	Gilbert	1	0	2	F. E. Parsons
Lambert Run Coal Co....	Clauson	3	0	2	F. E. Parsons
Madeira-Hill-Clark Coal Co.	Goff	1	0	2	F. E. Parsons
Madeira-Hill-Clark Coal Co.	Randolph	1	1	2	F. E. Parsons
Madeira-Hill-Clark Coal Co.	Waldo No. 1	2	0	2	F. E. Parsons
Madeira-Hill-Clark Coal Co.	New Chiefton	0	1	2	F. E. Parsons
Madeira-Hill-Clark Coal Co.	New Chiefton No. 2..	2	0	2	F. E. Parsons
Marion Gas Coal Co.....	Bingamon	4	1	2	F. E. Parsons
Marshall Coal Co.........	Marshall	2	1	2	F. E. Parsons
Monongah Fuel Co.......	Gallihue	1	0	2	W. B. Riggleman
National Coal Co........	National	1	0	2	F. E. Parsons
Orr Coal Mining Co.....	Miller No. 1	2	1	2	F. E. Parsons
Orr Coal Mining Co.....	Miller No. 2	2	1	2	F. E. Parsons
Orr-Shields Coal Co......	Phoenix	3	1	2	F. E. Parsons
Overholt Coal Co.........	Overholt	3	1	2	F. E. Parsons
Righter Coal & Coke Co..	No. 1	2	1	2	F. E. Parsons
Righter Coal & Coke Co..	No. 4	2	0	2	F. E. Parsons
Rosebud Fuel Co.........	No. 1	1	0	2	F. E. Parsons
Rosebud Fuel Co.........	No. 2	1	0	2	F. E. Parsons
Templeton Coal Co.......	No. 2	1	0	2	F. E. Parsons
Va.-Maryland Coal Corp...	No. 1	1	0	2	F. E. Parsons
Va.-Maryland Coal Corp...	No. 2	1	0	2	F. E. Parsons
Vincent Coal Co..........	Grasselli	3	0	2	F. E. Parsons
Winchester Coal Co......	Winchester	2	1	2	F. E. Parsons
Total..........	....	167	22		
KANAWHA COUNTY.					
Belmont Coal Co.	New Coalburg	1	0	7	E. J. Mason
Blue Creek Coal & Land Co	Blakeley	1	0	5	R. B. Cobb
Blue Creek Coal & Land Co	Will's Hollow No. 2..	1	0	5	R. B. Cobb
Cabin Creek Cons. C. Co..	Acme	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Acme	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Belleclare	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Belleclare	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Belleclare	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co..	Belleclare (old)	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co..	Black Tulip	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Black Tulip	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Buckeye	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Buckeye	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Caledonia	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Caledonia	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Cherokee	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co..	Cherokee	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Cherokee	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co..	Davis	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co..	Davis	1	0	7	Jas. Martin

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Cabin Creek Cons. C. Co.	Empire	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Empire	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Holly	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Holly	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Holly	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co.	Kayford No. 1	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Kayford No. 1	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Kayford No. 1	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Kayford No. 2	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Kayford No. 2	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Kayford No 2	1	0	6	Enoch Carver
Cabin Creek Cons. C. Co.	Keystone	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Quarrier	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Quarrier	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Quarrier	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co.	Rose	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Rose	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Ruby	2	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Ruby	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Ruby	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co.	Raccoon East	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Raccoon East	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Raccoon West No. 2.	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Raccoon West No. 2.	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Raccoon West No. 2.	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Raccoon Splint	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Raccoon Gas	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Raccoon Gas	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Raccoon Gas	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Shamrock	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Shamrock	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Shamrock	1	0	7	R. B. Cobb
Cabin Creek Cons. C. Co.	Thistle	1	0	7	Jas. Martin
Cabin Creek Cons. C. Co.	Thistle	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	United Gas	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	United Gas	1	0	6	J. H. Jackson
Cabin Creek Cons. C. Co.	Splint	1	0	7	E. J. Mason
Cabin Creek Cons. C. Co.	Splint	1	0	6	J. H. Jackson
Cabin Crk Con. C. Co.	United No. 1	1	0	7	Jas. Martin
Cabin Crk Con. C. Co.	United No. 2	1	0	7	Jas. Martin
Carbon Coal Co.	No. 2 Gas	1	0	7	Jas. Martin
Carbon Coal Co.	Splint	1	0	7	E. J. Mason
Carbon Coal Co.	Splint No. 2	1	0	7	Jas. Martin
Carbon Coal Co.	No. 1	1	0	7	Jas. Martin
Carbon Coal Co.	No. 1 Dip	1	0	7	Jas. Martin
Carbon Coal Co.	No. 1 Dip	1	0	6	J. H. Jackson
Carbon Coal Co.	Splint	1	0	6	J. H. Jackson
Carbon Coal Co.	South Gas	1	0	6	J. H. Jackson
Carbon Coal Co.	North No. 3	1	0	6	J. H. Jackson
Carbon Coal Co.	No. 4	1	0	6	J. H. Jackson
Carbon Coal Co.	Gas	1	0	7	E. J. Mason
Carbon Coal Co.	Low Sulphur	1	0	7	E. J. Mason
Carbon Coal Co.	Low Sulphur	2	0	7	Jas. Martin
Carbon Coal Co.	North No. 3	1	0	7	E. J. Mason
Campbell's Creek Coal Co.	No. 1	2	0	5	R. B. Cobb
Campbell's Creek Coal Co.	No. 3	2	0	5	R. B. Cobb
Camp Piatt Coal Co.	Piatt	1	0	5	R. B. Cobb
Cannelton Coal Co.	No. 1	3	0	5	R. B. Cobb
Cannelton Coal Co.	No. 1 Gas	1	0	5	R. B. Cobb
Coalburg Colliery Co.	Belmont	1	0	6	J. H. Jackson
Coalburg Colliery Co.	Belmont	2	0	7	E. J. Mason
Coalburg Colliery Co.	Ronda	1	0	7	E. J. Mason
Coalburg Colliery Co.	Ronda	1	0	7	Jas. Martin
Coalburg Colliery Co.	Ronda	1	0	6	J. H. Jackson
Coalburg-Kanawha C. Co.	No. A	1	0	7	E. J. Mason
Coalburg-Kanawha C. Co.	No. A	2	0	7	Jas. Martin
Coalburg-Kanawha C. Co.	No. B	2	0	7	Jas. Martin
Coalburg-Kanawha C. Co.	No. B.	1	0	7	E. J. Mason
Chesapeake Mining Co.	No. 1	3	0	7	Jas. Martin
Chesapeake Mining Co.	No. 1	1	0	7	E. J. Mason

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Chesapeake Mining Co.	No. 2 Gas	1	0	7	E. J. Mason
Chesapeake Mining Co.	No. 2 Gas	2	0	7	Jas. Martin
Chesapeake Mining Co.	No. 3	2	0	7	Jas. Martin
Chesapeake Mining Co.	No. 3	1	0	7	E. J. Mason
Dry Branch Coal Co.	Dry Branch	1	0	7	E. J. Mason
Dry Branch Coal Co.	Dry Branch	1	0	7	Jas. Martin
Dry Branch Coal Co.	No. 4	2	0	7	E. J. Mason
Dry Branch Coal Co.	No. 4	1	0	6	J. H. Jackson
Dry Branch Coal Co.	No. 5	1	0	6	J. H. Jackson
Dry Branch Coal Co.	No. 5	2	0	7	E. J. Mason
Dry Branch Coal Co.	No. 6	2	0	7	E. J. Mason
Dry Branch Coal Co.	No. 6	1	0	7	Jas. Martin
Dry Branch Coal Co.	No. 6	1	0	6	J. H. Jackson
East Bank Mining Co.	East Bank	1	0	6	Jas. Martin
East Bank Mining Co.	East Bank	1	0	6	E. J. Mason
Economy Fuel Co.	Black Hawk	1	0	5	R. B. Cobb
Elk Manor Coal Co.	Dorfee	1	0	5	R. B. Cobb
Eureka Coal Co.	No. 1	1	0	5	E. J. Mason
Eureka Coal Co.	No. 1	1	0	5	Jas. Martin
Eureka Coal Co.	No. 3	2	0	5	Jas. Martin
Eureka Coal Co.	No. 4	2	0	5	Jas. Martin
Eureka Coal Co.	No. 6	1	0	5	E. J. Mason
Fowler, C. O.	Graham	1	0	5	W. B. Plaster
Fowler, C. O.	Graham	1	0	5	Enoch Carver
Graham Realty Co.	Graham	2	0	5	R. B. Cobb
Hackett, Samuel	Hackett	1	0	5	R. B. Cobb
Hughes Creek Coal Co.	Gas	1	0	5	R. B. Cobb
Hughes Creek Coal Co.	No. 4 Gas	2	0	5	R. B. Cobb
Hughes Creek Coal Co.	No. 2 Splint	3	0	5	R. B. Cobb
Imperial Colliery Co.	No. 1	2	0	7	E. J. Mason
Imperial Colliery Co.	No. 1	2	0	7	Jas. Martin
Imperial Colliery Co.	No. 3	3	0	7	Jas. Martin
Imperial Colliery Co.	No. 3	2	0	7	E. J. Mason
Kelly's Creek Colliery Co.	No. 1	2	0	5	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3	2	0	5	R. B. Cobb
Kelly's Creek Colliery Co.	No. 3½	1	0	5	R. B. Cobb
Lewis Coal & Coke Co.	No. 2	1	0	6	J. H. Jackson
Lewis Coal & Coke Co.	Lewis	2	0	7	E. J. Mason
Lewis Coal & Coke Co.	Lewis	2	0	7	Jas. Martin
Lewis Coal & Coke Co.	Lewis	1	0	7	R. B. Cobb
Marmet Coal Co.	New Butler	1	0	7	E. J. Mason
Marmet Coal Co.	New Butler	1	0	6	J. H. Jackson
Marmet Coal Co.	New Butler	1	0	7	Jas. Martin
Marmet Coal Co.	Black Band No. 1	1	0	6	J. H. Jackson
Marmet Coal Co.	Black Band No. 2	1	0	6	J. H. Jackson
Marmet Coal Co.	Black Band No. 3	1	0	6	J. H. Jackson
Marmet Coal Co.	Black Band No. 4	1	0	6	J. H. Jackson
Marmet Coal Co.	Black Band	1	0	7	Jas. Martin
Marmet Coal Co.	Black Band	1	0	7	E. J. Mason
Montgomery Coal Co.	No. 2 Gas	2	0	7	Jas. Martin
Montgomery Coal Co.	No. 2 Gas	1	0	7	E. J. Mason
Montgomery Coal Co.	Possum Holler	1	0	7	E. J. Mason
Montgomery Coal Co.	Possum Holler	2	0	7	Jas. Martin
Montgomery Coal Co.	Upper Creek	2	0	7	Jas. Martin
Montgomery Coal Co.	Upper Creek	1	0	7	E. J. Mason
Morris Fork Coal Co.	Turner	1	0	6	Enoch Carver
Morris Fork Coal Co.	Turner	1	0	6	W. B. Plaster
The Marmet Coal Co.	Monarch	3	0	5	R. B. Cobb
The Marmet Coal Co.	No. 1	1	0	5	R. B. Cobb
Mill C'k Cannel Mining Co.	Mill Creek	1	0	5	R. B. Cobb
Morris Fork Coal Co.	Morris Fork	1	1	5	R. B. Cobb
Morris Fork Coal Co.	Turner No. 1	1	1	5	W. B. Plaster
Morris Fork Coal Co.	Turner No. 2	1	0	5	R. B. Cobb
Morris Fork Coal Co.	Turner No. 2	1	0	5	Enoch Carver
Morris Fork Coal Co.	Turner No. 2	1	0	5	Enoch Carver
Morris Fork Coal Co.	Turner No. 2	1	0	5	W. B. Plaster
Nat'l Bituminous C. & C. Co	New Coalburg	2	0	7	Jas. Martin
Nat'l Bituminous C. & C. Co	New Coalburg	1	0	7	E. J. Mason
Nat'l Bituminous C. & C. Co	No. 2 Gas	1	0	7	E. J. Mason
Nat'l Bituminous C. & C. Co	No. 2 Gas	2	0	7	Jas. Martin

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Nat'l Bituminous C. & C. Co	No. 5	2	0	7	Jas. Martin
Nat'l Bituminous C. & C. Co	No. 5	1	0	7	J. H. Jackson
Olcott Coal & Iron Co.	No. 1	1	0	6	J. H. Jackson
Olcott Coal & Iron Co.	No. 1	1	0	6	Enoch Carver
Olcott Coal & Iron Co.	No. 2	1	0	6	J. H. Jackson
Olcott Coal & Iron Co.	No. 3	1	0	6	J. H. Jackson
Olcott Coal & Iron Co.	No. 5	1	0	6	J. H. Jackson
Olcott Coal & Iron Co.	No. 5	1	0	6	Enoch Carver
Paint Creek Colls. Co.	Knickerbocker	1	0	6	Enoch Carver
Paint Creek Colls. Co.	Banner No. 1	2	0	7	Jas. Martin
Paint Creek Colls. Co.	Banner No. 1	1	0	7	E. J. Mason
Paint Creek Colls. Co.	Banner No. 2	1	0	7	Jas. Martin
Paint Creek Colls. Co.	Crown Hill	2	0	7	Jas. Martin
Paint Creek Colls. Co.	Grose No. 2	3	0	7	Jas. Martin
Paint Creek Colls. Co.	Grose No. 2	2	0	7	E. J. Mason
Paint Creek Colls. Co.	Paint Creek	2	0	7	E. J. Mason
Paint Creek Colls. Co.	Paint Creek	3	0	7	Jas. Martin
Paint Creek Colls. Co.	Scranton	3	0	7	Jas. Martin
Paint Creek Colls. Co.	Scranton	2	0	7	E. J. Mason
Paint Creek Colls. Co.	Wacomah	7	0	7	Jas. Martin
Paint Creek Colls. Co.	Wacomah	2	0	7	E. J. Mason
Peacock Coal Co.	Peacock	1	0	5	R. B. Cobb
Pen Mar Coal Mining Co.	Pen Mar	2	0	5	R. B. Cobb
Pen Mar Coal Mining Co.	Pen Mar	1	0	5	W. B. Plaster
Pen Mar Coal Mining Co.	Pen Mar	1	0	5	Enoch Carver
Perryville Coal Mining Co.	Perryville	1	0	5	R. B. Cobb
Queen Shoals Coal Co.	Queen Shoals	1	0	5	R. B. Cobb
Quincy Coal Co.	No. 1	2	0	5	R. B. Cobb
Quincy Coal Co.	No. 2	2	0	5	R. B. Cobb
Republic Coal Co.	No. 1	1	0	7	E. J. Mason
Republic Coal Co.	No. 1	1	0	6	J. H. Jackson
Republic Coal Co.	No. 1	1	0	7	Jas. Martin
Republic Coal Co.	No. 2	2	0	7	Jas. Martin
Republic Coal Co.	No. 2	1	0	6	J. H. Jackson
Republic Coal Co.	No. 2	2	0	7	E. J. Mason
Republic Coal Co.	No. 3	1	0	7	E. J. Mason
Republic Coal Co.	No. 3	1	0	7	Jas. Martin
Republic Coal Co.	No. 5	1	0	6	J. H. Jackson
Republic Coal Co.	No. 5	2	0	7	Jas. Martin
Republic Coal Co.	No. 5	1	0	7	E. J. Mason
Southwestrn Splnt Fuel Co	Black Cat	1	0	7	E. J. Mason
Southwestrn Splnt Fuel Co	Black Cat	2	0	7	Jas. Martin
Stand'rd Kan. C. Min'g Co.	Coal Ridge	1	0	5	R. B. Cobb
Stand'rd-Kan. C. Min'g Co.	Acme	1	0	5	R. B. Cobb
Stand'rd Splint & Gas C. Co	Standard	6	0	7	Jas. Martin
Stand'rd Splint & Gas C. Co	Standard	2	0	7	E. J. Mason
Solvay Collieries Co.	No. A	1	0	7	E. J. Mason
Solvay Collieries Co.	No. B	1	0	7	E. J. Mason
Sunday Creek Co.	No. 101	2	0	5	R. B. Cobb
Sunday Creek Co.	No. 104	2	0	5	R. B. Cobb
Sunday Creek Co.	No. 105	2	0	5	R. B. Cobb
Sunday Creek Co.	No. 108	2	0	5	R. B. Cobb
Villa Coal Mining Co.	Mill Creek	1	0	5	W. B. Plaster
Villa Coal Mining Co.	Mill Creek	1	0	5	Enoch Carver
Virginia Coal Co.	No. 1	2	0	5	R. B. Cobb
Virginia Coal Co.	No. 1	1	0	5	Jas. Martin
Virginia Coal Co.	No. 2	2	0	5	R. B. Cobb
Wake Forest Mining Co.	Wake Forest	1	0	7	E. J. Mason
Wake Forest Mining Co.	Wake Forest	1	0	6	J. H. Jackson
Wake Forest Mining Co.	Wake Forest	1	0	7	Jas. Martin
West Va. Colliery Co.	No. 1	1	0	7	E. J. Mason
West Va. Colliery Co.	No. 1	1	0	7	Jas. Martin
West Va. Colliery Co.	No. 3	1	0	7	Jas. Martin
West Va. Colliery Co.	No. 3	1	0	7	E. J. Mason
West Va. Colliery Co.	No. 4	1	0	7	E. J. Mason
West Va. Colliery Co.	No. 4	1	0	7	Jas. Martin
West Va. Colliery Co.	No. 1	1	0	6	J. H. Jackson
West Va. Colliery Co.	No. 3	1	0	6	J. H. Jackson
West Va. Colliery Co.	No. 4	1	0	6	J. H. Jackson
Winifrede Coal Co.	North	1	0	6	J. H. Jackson

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Winifrede Coal Co.	South	1	0	6	J. H. Jackson
Winifrede Coal Co.	West	1	0	6	J. H. Jackson
Winifrede Coal Co.	Belmont	2	0	7	R. B. Cobb
Winifrede Coal Co.	North	1	0	7	Jas. Martin
Winifrede Coal Co.	South	1	0	7	Jas. Martin
Winifrede Coal Co.	West	1	0	7	Jas. Martin
Winifrede Coal Co.	New Coalburg	3	0	7	Jas. Martin
Winifrede Coal Co.	New Coalburg	1	0	7	E. J. Mason
Winifrede Coal Co.	Coalburg Tunnel	1	0	7	Jas. Martin
Wyatt Coal Co.	Berlin	1	0	6	J. H. Jackson
Wyatt Coal Co.	Berlin	1	0	7	Jas. Martin
Wyatt Coal Co.	Berlin	1	0	7	E. J. Mason
Wyatt Coal Co.	North Horton	1	0	7	E. J. Mason
Wyatt Coal Co.	North Horton	1	0	7	Jas. Martin
Wyatt Coal Co.	North Horton	1	0	6	J. H. Jackson
Wyatt Coal Co.	South Horton	1	0	6	J. H. Jackson
Wyatt Coal Co.	No. 2	1	0	7	Jas. Martin
Wyatt Coal Co.	Oakley	1	0	7	E. J. Mason
Total		327	1		
LEWIS COUNTY.					
Kroger Gas Coal Co.	Polar	2	2	2	F. E. Parsons
Kroger Gas Coal Co.	Lucy K	1	0	2	F. E. Parsons
Total		3	2		
LINCOLN COUNTY.					
Branchland Coal Co.	Branchland	2	0	6	Enoch Carver
Johnson, V. A. & H.	Guyan	1	0	6	Enoch Carver
Total		3	0		
LOGAN COUNTY.					
Amherst Coal Co.	No. 1	2	0	6	Enoch Carver
Amherst Coal Co.	No. 2	2	0	6	Enoch Carver
Amherst Coal Co.	Va.-Buffalo	1	0	6	Enoch Carver
Aracoma Coal Co.	No. 1	2	0	6	Enoch Carver
Aracoma Coal Co.	No. 2	2	0	6	Enoch Carver
Argyle Coal Co.	Argyle	1	0	6	Enoch Carver
Avon Coal Co.	No. 1	1	0	6	Enoch Carver
Avon Coal Co.	No. 2	2	0	6	Enoch Carver
Avon Coal Co.	Eagle	1	0	6	Enoch Carver
Bengal Coal Co.	No. 1	1	0	6	Enoch Carver
Bengal Coal Co.	No. 2	1	0	6	Enoch Carver
Black Hawk Colly. Co.	Black Hawk	1	0	6	Enoch Carver
Buffalo-Eagle Coal Co.	Buffalo	1	0	6	Enoch Carver
Coal River C. & C. Co.	Dobra	3	0	6	Enoch Carver
Cora Coal & Coke Co.	Cora	2	0	6	Enoch Carver
Coal Valley Mining Co.	Sylvia	1	0	6	J. H. Jackson
Coal Valley Mining Co.	Sylvia	2	0	6	Enoch Carver
Crown Coal & Coke Co.	Lax	2	0	6	Enoch Carver
Cub Fork Coal Co.	Cub Fork	1	0	6	Enoch Carver
Deegans Coal Co.	Deegans	1	0	6	Enoch Carver
Draper Coal & Coke Co.	Draper	1	0	6	Enoch Carver
Eagle Island Coal Co.	Kistler	1	0	6	Jas. Martin
Ethel Coal Co., The	No. 1	3	0	6	Enoch Carver
Ethel Coal Co., The	No. 1	2	0	6	Jas. Martin
Ethel Coal Co., The	No. 1½	2	0	6	Enoch Carver
Ethel Coal Co., The	No. 1½	1	0	6	Jas. Martin
Ethel Coal Co., The	No. 2	2	0	6	Jas. Martin
Ethel Coal Co., The	No. 2	3	0	6	Enoch Carver
Fort Branch Coal Corp.	Fort Branch	1	0	6	Enoch Carver
Frieze Fork Coal Co.	Frieze Fork	3	0	6	Enoch Carver
Gay Coal & Coke Co.	Gay	2	0	6	Enoch Carver
George's Creek Coal Co.	George's Creek	3	0	6	Enoch Carver
Guyandotte Coal Co.	Kitchen	1	0	6	Enoch Carver
Huddleston C. & Coke Co.	Huddleston	2	0	6	Enoch Carver
Hnddleston C. & Coke Co.	No. 2	1	0	6	Enoch Carver
Island Creek Block C. Co.	Island Creek	1	0	6	Enoch Carver

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Island Creek Colly Co.	Switzer	1	0	6	Enoch Carver
Johnson, E. R. Coal Co.	No. 2	1	0	6	Enoch Carver
Kohinoor Coal & Coke Co.	Kohinoor	2	0	6	Enoch Carver
Logan Coal Co.	Logan	2	0	6	Enoch Carver
Logan Mining Co.	Earling	2	0	6	Enoch Carver
Logan Mining Co.	Earling	1	0	6	J. H. Jackson
Logan Mining Co.	Manitoba	2	0	6	Enoch Carver
Logan Mining Co.	Mona	2	0	6	Enoch Carver
Logan Mining Co.	Wanda	2	0	6	Enoch Carver
Long Flame Coal Co.	No. 2	2	0	6	Enoch Carver
Long Flame Coal Co.	No. 3	2	0	6	Enoch Carver
Main Island Creek C. Co.	No. 1	1	0	6	Enoch Carver
Main Island Creek C. Co.	No. 2	1	0	6	Enoch Carver
Main Island Creek C. Co.	No. 3	1	0	6	Enoch Carver
Main Island Creek C. Co.	No. 4	1	0	6	Enoch Carver
Main Island Creek C. Co.	No. 5	1	0	6	Enoch Carver
Manbar Coal Co.	Manbar	2	0	6	Enoch Carver
Manbar Coal Co.	Manbar	1	0	6	J. H. Jackson
Mifflin Coal Co.	Upper	1	0	6	Enoch Carver
Mifflin Coal Co.	No. 1	3	0	6	Enoch Carver
Mifflin Coal Co.	No. 2	3	0	6	Enoch Carver
Monitor Coal & Coke Co.	No. 1	2	0	6	Enoch Carver
Monitor Coal & Coke Co.	No. 2	2	0	6	Enoch Carver
Monitor Coal & Coke Co.	No. 3	2	0	6	Enoch Carver
Monitor Coal & Coke Co.	No. 3 Main	2	0	6	Enoch Carver
McGregor Coal Co.	No. 1	2	0	6	Enoch Carver
McGregor Coal Co.	No. 3	2	0	6	Enoch Carver
McGregor Coal Co.	No. 4	2	0	6	Enoch Carver
Opperman Coal Co.	Opperman	2	0	6	Enoch Carver
Opperman Coal Co.	No. 1	1	0	6	Enoch Carver
Opperman Coal Co.	No. 2	1	0	6	Enoch Carver
Opperman Coal Co.	No. 3	1	0	6	Enoch Carver
Paragon Colly. Co.	Paragon	2	0	6	Enoch Carver
Rex Coal & Coke Co.	Rex	3	0	6	Enoch Carver
Rich Creek Coal Co.	Wilburn	2	0	6	Enoch Carver
Shamrock Coal Co.	Litz	2	0	6	Enoch Carver
Sovereign Coal Co.	Sovereign No. 1	3	0	6	Enoch Carver
Sovereign Coal Co.	No. 2	2	0	6	Enoch Carver
Spruce Bend Coal Co.	Spruce Bend	2	0	6	Enoch Carver
Spruce Bend Coal Co.	No. 1	1	0	6	Enoch Carver
Spruce Bend Coal Co.	Sharpless	1	0	6	Enoch Carver
Spruce Bend Coal Co.	No. 2	1	0	6	Enoch Carver
Spruce Valley Coal Co.	Spruce Valley	3	0	6	Enoch Carver
Stone Branch Coal Co.	Stone Branch	1	0	6	Enoch Carver
Stone Branch Coal Co.	No. 8	1	0	6	Enoch Carver
Summers, H. B., Coal Co.	Summers	2	0	6	Enoch Carver
Sunbeam Coal Co.	Sunbeam	1	0	6	Enoch Carver
Thomas, D. C., Coal Co.	Grace	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 1	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 2	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 3	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 4	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 6	2	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 7	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 8	3	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 9	1	0	6	Enoch Carver
U. S. Coal & Oil Co.	No. 10	2	0	6	Enoch Carver
Va.-Buffalo Coal Co.	No. 1	1	0	6	Enoch Carver
Wilson, H. T., Coal Co.	Wilson	1	0	6	J. H. Jackson
Wilson, H. T., Coal Co.	Wilson	2	0	6	Enoch Carver
Yuma Coal & Coke Co.	Yuma	2	0	6	Enoch Carver
Total		171	0		
MARION COUNTY.					
Catawba Coal Co.	Catawba	2	0	1	W. B. Riggleman
Consolidation Coal Co.	No. 22	1	0	1	W. B. Riggleman
Consolidation Coal Co.	No. 24	1	0	1	K. F. Schoew
Consolidation Coal Co.	No. 24	2	0	1	W. B. Riggleman
Consolidation Coal Co.	No. 26	1	0	1	W. B. Riggleman

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Consolidation Coal Co....	No. 28	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 28	1	0	1	K. F. Schoew
Consolidation Coal Co....	No. 36	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 38	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 43	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 43	1	0	1	K. F. Schoew
Consolidation Coal Co....	No. 45	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 47	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 47	1	0	1	F. E. Parsons
Consolidation Coal Co....	No. 49	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 56	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 59	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 63	2	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 63	1	0	1	K. F. Schoew
Consolidation Coal Co....	No. 67	1	1	1	K. F. Schoew
Consolidation Coal Co....	No. 67	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 68	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 68	1	0	1	K. F. Schoew
Consolidation Coal Co....	No. 82	3	0	1	K. F. Schoew
Consolidation Coal Co....	No. 82	1	0	1	W. B. Riggleman
Consolidation Coal Co....	No. 84	1	1	1	K. F. Schoew
Consolidation Coal Co....	No. 84	1	0	1	W. B. Riggleman
Consolidation Coal Co....	Shafer No. 2........	1	1	1	W. B. Riggleman
Connellsville Coal & C. Co.	Elizabeth	2	1	1	W. B. Riggleman
Dakota Coal & Coke Co...	No. 2	3	0	1	W. B. Riggleman
Dakota Coal & Coke Co...	No. 2	2	1	1	K. F. Schoew
Fairmont-Cleveland C. Co.	Parker Run	2	0	1	W. B. Riggleman
Federal Coal & Coke Co...	Federal	2	2	1	W. B. Riggleman
Federal Coal & Coke Co...	Federal	1	0	1	K. F. Schoew
Four States C. & C. Co...	Annabelle	2	0	1	W. B. Riggleman
Harry B. Coal Co.	Junior	1	0	1	W. B. Riggleman
Harry B. Coal Co.	Junior	1	0	1	K. F. Schoew
Harry B. Coal Co.	No. 4	2	0	1	K. F. Schoew
Harry B. Coal Co.	No. 5	1	0	1	K. F. Schoew
Harry B. Coal Co.	No. 6	1	0	1	W. B. Riggleman
Kilarm Coal & Coke Co...	No. 2	2	0	1	W. B. Riggleman
Kilarm Coal & Coke Co...	No. 2	2	0	1	K. F. Schoew
Kilarm Coal & Coke Co...	No. 3	2	0	1	K. F. Schoew
Kilarm Coal & Coke Co...	No. 3	1	0	1	W. B. Riggleman
Jamison Coal & Coke Co..	No. 7	5	0	1	W. B. Riggleman
Jamison Coal & Coke Co..	No. 7	5	2	1	K. F. Schoew
Jamison Coal & Coke Co..	No. 8	4	1	1	K. F. Schoew
Jamison Coal & Coke Co..	No. 8	6	0	1	F. E. Parsons
Jamison Coal & Coke Co..	No. 8	7	0	1	W. B. Riggleman
Jamison Coal & Coke Co..	No. 9	5	0	1	W. B. Riggleman
Jamison Coal & Coke Co..	No. 9	3	1	1	K. F. Schoew
Manley & Zeek Coal Co...	Manley & Zeek......	2	0	1	W. B. Riggleman
Manley & Zeek Coal Co...	Manley & Zeek......	1	0	1	K. F. Schoew
McCoy Coal Co...........	McCoy	1	0	1	W. B. Riggleman
New Central Coal Co.....	Stafford	1	0	1	F. E. Parsons
New Central Coal Co.....	Stafford	2	0	1	W. B. Riggleman
New Central Coal Co.....	Stafford	0	1	1	K. F. Schoew
Phillips Coal Co., The....	Phillips	2	0	1	W. B. Riggleman
Phillips Coal Co., The....	Phillips	2	3	1	K. F. Schoew
Robinson Coal Co.	James	2	0	1	W. B. Riggleman
Va. & Pittsbrg C. & C. Co.	Kingmont	1	0	1	W. B. Riggleman
Va. & Pittsbrg C. & C. Co.	Kingmont	1	0	1	K. F. Schoew
Va. & Pittsbrg C. & C. Co.	Morgan	2	0	1	W. B. Riggleman
Total..........	....	117	15		
MARSHALL COUNTY.					
Ben Franklin Coal Co.....	Panama	4	0	1	W. B. Riggleman
Ben Franklin Coal Co.....	Panama	1	0	1	L. D. Vaughn
Ben Franklin Coal Co.....	Panama	2	0	1	F. E. Parsons
Glendale Coal Co.........	Glendale	2	0	1	W. B. Riggleman
Glendale Coal Co.........	Glendale	1	0	1	L. D. Vaughn
Hitchman Coal & Coke Co.	Hitchman	2	0	1	W. B. Riggleman
Hitchman Coal & Coke Co.	Hitchman	1	0	1	L. D. Vaughn
Kunz Brothers	Bogg's Run	1	0	1	W. B. Riggleman

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Mound Coal Co.	Mound	3	0	1	W. B. Riggleman
Mound Coal Co.	Mound	1	0	1	L. D. Vaughn
Mound Coal Co.	Mound	1	0	1	F. E. Parsons
Parr's Run C. Co.	Parr's Run	1	0	1	F. E. Parsons
Parr's Run C. Co.	Parr's Run	1	0	1	L. D. Vaughn
Parr's Run C. Co.	Parr's Run	3	0	1	W. B. Riggleman
Wheeling Steel & Iron Co.	Benwood	1	0	1	W. B. Riggleman
Total		25	0		
MASON COUNTY.					
Hutchinson Coal Co.	Linden	2	0	5	R. B. Cobb
Jackson Coal & Mng Co.	Jackson	2	0	5	R. B. Cobb
Jackson Coal & Mng Co.	Newman	1	0	5	R. B. Cobb
Newton, J. M. & D. C.	Hartford	2	0	5	R. B. Cobb
Smith Coal & Salt Co.	Jackson	1	0	5	R. B. Cobb
Total		8	0		
McDOWELL COUNTY.					
Algoma Coal & Coke Co.	Algoma	1	0	10	Isaac Murray
Algoma Coal & Coke Co.	Northfork	1	0	10	Isaac Murray
Algoma Coal & Coke Co.	Northfork	1	0	10	Arthur Mitchell
Algoma Coal & Coke Co.	Piney	1	0	10	Arthur Mitchell
Algoma Coal & Coke Co.	Piney	2	0	10	Isaac Murray
Arlington Coal & Coke Co.	Arlington	2	0	10	Isaac Murray
Arlington Coal & Coke Co.	Arlington	1	0	10	Arthur Mitchell
Ashland Coal & Coke Co.	Ashland	1	0	10	Arthur Mitchell
Ashland Coal & Coke Co.	Ashland	2	0	10	Isaac Murray
Ashland Coal & Coke Co.	Monitor	2	0	10	Isaac Murray
Ashland Coal & Coke Co.	Monitor	1	0	10	Arthur Mitchell
Bottom Creek C. & C. Co.	No. 1	7	0	11	L. Blenkinsopp
Bottom Creek C. & C. Co.	No. 1	1	0	11	R. Y. Muir
Bottom Creek C. & C. Co.	No. 2-1	2	0	11	L. Blenkinsopp
Bottom Creek C. & C. Co.	No. 2-2	2	0	11	L. Blenkinsopp
Bottom Creek C. & C. Co.	No. 2-3	2	0	11	L. Blenkinsopp
Bottom Creek C. & C. Co.	No. 2-4	1	0	11	L. Blenkinsopp
Bottom Creek C. & C. Co.	No. 2	5	0	11	L. Blenkinsopp
Black Wolf Coal & C. Co.	No. 1	4	0	11	L. Blenkinsopp
Black Wolf Coal & C. Co.	No. 2	1	0	11	L. Blenkinsopp
Buchanan Coal Co.	Buchanan	2	0	12	E. C. Lambert
Carter Coal Co.	No. 1 West	3	0	12	H. H. Pinkney
Carter Coal Co.	No. 2 East	2	1	12	H. H. Pinkney
Carter Coal Co.	No. 2 East	1	0	12	E. C. Lambert
Carter Coal Co.	No. 2 West	1	0	12	E. C. Lambert
Carter Coal Co.	Coalwood	2	0	12	E. C. Lambert
Carter Coal Co.	Coalwood No. 1	2	0	12	E. C. Lambert
Carter Coal Co.	Coalwood No. 2	2	0	12	E. C. Lambert
Carter Coal Co.	Caretta No. 5	1	0	12	E. C. Lambert
Carter Coal Co.	Caretta No. 5	1	0	12	H. H. Pinkney
Carter Coal Co.	Thelma No. 6	1	0	12	H. H. Pinkney
Carter Coal Co.	Thelma No. 6	1	0	12	E. C. Lambert
Carter Coal Co.	No. 8	1	0	12	E. C. Lambert
Carter Coal Co.	No. 8	1	0	12	H. H. Pinkney
Carter Coal Co.	Nora	1	0	12	H. H. Pinkney
Carter Coal Co.	Nora	1	0	12	E. C. Lambert
Central Poca Coal Co.	No. 2	1	0	11	L. Blenkinsopp
Central Poca Coal Co.	No. 3	1	0	11	L. Blenkinsopp
Central West Poca C. Co.	Lex.	1	0	12	H. H. Pinkney
Central West Poca C. Co.	Central West	2	0	12	E. C. Lambert
Cirrus Coal & Coke Co.	No. 1	2	0	11	L. Blenkinsopp
Cirrus Coal & Coke Co.	No. 2	3	0	11	L. Blenkinsopp
Columbus Poca Coal Co.	Columbus-Poca	1	0	12	E. C. Lambert
Crozer Coal & Coke Co.	No. 1	6	0	11	L. Blenkinsopp
Crozer Coal & Coke Co.	No. 2	5	0	11	L. Blenkinsopp
Cumberland Cannel C. Co.	Gem	1	0	12	E. C. Lambert
Davy-Poca Coal Co.	Davy-Poca	1	0	12	E. C. Lambert
Davy-Poca Coal Co.	No. 1	2	0	12	E. C. Lambert
Davy-Poca Coal Co.	No. 1	1	0	12	H. H. Pinkney
Davy-Poca Coal Co.	No. 2	1	0	12	H. H. Pinkney

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Davy-Poca Coal Co.	No. 2	2	0	12	E. C. Lambert
Domestic Poca Coal Co.	Domestic	1	0	12	E. C. Lambert
Domestic Poca Coal Co.	Scorpion	2	0	12	E. C. Lambert
Dry Fork Colly Co.	Dry Fork	2	0	12	E. C. Lambert
Dry Fork Colly Co.	Dry Fork	1	0	12	H. H. Pinkney
Elkhorn Coal & Coke Co.	Elkhorn	2	0	10	Arthur Mitchell
Elkhorn Coal & Coke Co.	Elkhorn	2	0	10	Isaac Murray
Elk Ridge Coal & Coke Co.	Elk Ridge	1	0	10	Isaac Murray
Elk Ridge Coal & Coke Co.	Elk Ridge	1	0	10	Arthur Mitchell
Elk Ridge Coal & Coke Co.	Elk Ridge	1	0	10	J. H. Flanagan
Elk Ridge Coal & Coke Co.	No. 2	1	0	10	Arthur Mitchell
Elk Ridge Coal & Coke Co.	No. 2	1	0	10	Isaac Murray
Empire Coal & Coke Co.	Empire	5	0	11	L. Blenkinsopp
Eureka Coal & Coke Co.	Eureka	4	0	11	L. Blenkinsopp
Excelsior Poca Coal Co.	Excelsior	1	0	12	H. H. Pinkney
Excelsior Poca Coal Co.	Excelsior	2	0	12	E. C. Lambert
Flanagan Coal Co.	No. 1	6	0	12	E. C. Lambert
Flanagan Coal Co.	No. 1	1	0	12	H. H. Pinkney
Flanagan Coal Co.	No. 2	1	0	12	H. H. Pinkney
Flat Top Coal Mng Co.	Thomas	1	0	12	E. C. Lambert
Flat Top Coal Mng Co.	Thomas	1	0	12	H. H. Pinkney
Fortune Hunter Coal Co.	Fortune Hunter	2	0	10	Isaac Murray
Fortune Hunter Coal Co.	Fortune Hunter	1	0	10	Arthur Mitchell
Gilliam Coal & Coke Co.	Gilliam	1	0	10	Arthur Mitchell
Gilliam Coal & Coke Co.	Gilliam	2	0	10	Isaac Murray
Gilliam Coal & Coke Co.	Gilliam	1	0	10	J. H. Flanagan
Greenbrier Coal & Coke Co.	Greenbrier	2	0	10	Isaac Murray
Greenbrier Coal & Coke Co.	Greenbrier	1	0	10	Arthur Mitchell
Hemphill Colliery Co.	Hemphill	2	0	11	L. Blenkinsopp
Hemphill Colliery Co.	No. 1	1	0	11	L. Blenkinsopp
Hemphill Colliery Co.	No. 1	1	0	12	H. H. Pinkney
Henrietta Coal Co.	Henrietta	1	0	12	E. C. Lambert
Houston Collieries Co.	Caswell	3	0	11	L. Blenkinsopp
Houston Collieries Co.	Huger	4	0	11	L. Blenkinsopp
Houston Collieries Co.	Huger	4	00*	10	Isaac Murray
Houston Coal & Coke Co.	No. 1	4	1	11	L. Blenkinsopp
Houston Coal & Coke Co.	No. 2	4	0	11	L. Blenkinsopp
Howard, Jr. Coal Co.	No. 7	1	0	12	H. H. Pinkney
Howard, Jr. Coal Co.	No. 8	1	0	12	H. H. Pinkney
Indian Ridge C. & C. Co.	Indian Ridge	1	0	10	Arthur Mitchell
Indian Ridge C. & C. Co.	Indian Ridge	2	0	10	Isaac Murray
J. B. B. Coal Co.	No. 1	1	0	12	H. H. Pinkney
J. B. B. Coal Co.	No. 1	2	0	12	E. C. Lambert
J. B. B. Coal Co.	No. 2	3	0	12	E. C. Lambert
J. B. B. Coal Co.	No. 2	1	0	12	H. H. Pinkney
J. B. B. Coal Co.	No. 3	1	0	12	H. H. Pinkney
J. B. B. Coal Co.	No. 3	1	0	12	E. C. Lambert
J. B. B. Coal Co.	No. 4	3	0	12	E. C. Lambert
J. B. B. Coal Co.	No. 4	1	0	12	H. H. Pinkney
J. B. B. Coal Co.	No. 5	3	0	12	E. C. Lambert
John's Branch Coal Co.	John's Branch	2	0	12	E. C. Lambert
Keystone Coal & Coke Co.	No. 1	5	0	11	L. Blenkinsopp
Keystone Coal & Coke Co.	No. 2	5	0	11	L. Blenkinsopp
Kimball-Poca Coal Co.	Virginia	6	0	11	L. Blenkinsopp
King Coal Co.	King	5	0	11	L. Blenkinsopp
King Coal Co.	King	1	0	11	R. Y. Muir
Lake Superior Coal Co.	No. 1	3	0	11	L. Blenkinsopp
Lake Superior Coal Co.	No. 2	3	0	11	L. Blenkinsopp
Lake Superior Coal Co.	North	2	0	11	L. Blenkinsopp
Lake Superior Coal Co.	North No. 1	1	0	11	L. Blenkinsopp
Lake Superior Coal Co.	South	2	0	11	L. Blenkinsopp
Lake Superior Coal Co.	South No. 2	1	0	11	L. Blenkinsopp
Lathrop Coal Co.	Lathrop	1	0	12	E. C. Lambert
Lathrop Coal Co.	Lathrop	1	0	12	H. H. Pinkney
Lex. Poca Coal Co.	Lex	1	0	12	E. C. Lambert
Lynchburg C. & C. Co.	Lynchburg	4	0	11	L. Blenkinsopp
Middlestate's C. & C. Co.	Huger	3	0	11	L. Blenkinsopp
Middlestate's C. & C. Co.	Huger	1	0	11	R. Y. Muir
Middlestate's C. & C. Co.	Margaret	1	0	11	L. Blenkinsopp

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* Owing to a change in Districts, some mines will appear in two.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
McDowell C. & C. Co.	McDowell	2	0	10	Isaac Murray
McDowell C. & C. Co.	McDowell	1	0	10	Arthur Mitchell
Mill Creek C. & C. Co.	Coaldale	1	0	10	Isaac Murray
Mill Creek C. & C. Co.	Tug River	1	0	10	Isaac Murray
Mill Creek C. & C. Co.	Tug River	1	0	10	Arthur Mitchell
Mohawk Coal & Coke Co.	Mohawk	1	0	12	E. C. Lambert
Mohawk Coal & Coke Co.	Mohawk	1	0	12	H. H. Pinkney
New Rvr & Poca C. C Co.	Jed	1	0	11	L. Blenkinsopp
New Rvr & Poca C. C. Co.	Jed No. 1	1	0	11	L. Blenkinsopp
New Rvr & Poca C. C. Co.	No. 1½	1	0	11	L. Blenkinsopp
New Rvr & Poca C. C. Co.	No. 1¾	1	0	11	L. Blenkinsopp
New Rvr & Poca C. C. Co.	Havaco	1	0	11	L. Blenkinsopp
New Rvr & Poca C. C. Co.	Berwind No. 1	1	0	12	H. H. Pinkney
New Rvr & Poca C. C. Co.	Berwind No. 1	1	0	12	E. C. Lambert
New Rvr & Poca C. C. Co.	Berwind No. 2	1	0	12	E. C. Lambert
New Rvr & Poca C. C. Co.	Berwind No. 2	1	0	12	H. H. Pinkney
New Rvr & Poca C. C. Co.	Berwind No. 3	1	0	12	E. C. Lambert
New Rvr & Poca C. C. Co.	Berwind No. 4	1	0	12	E. C. Lambert
New Rvr & Poca C. C. Co.	Berwind No. 4	1	0	12	H. H. Pinkney
New Rvr & Poca C. C. Co.	Berwind No. 5	1	0	12	E. C. Lambert
New Rvr & Poca C. C. Co.	Berwind No. 6	1	0	12	E. C. Lambert
New Poca Coal Co.	New-Poca	2	0	12	E. C. Lambert
New Poca Coal Co.	New-Poca	1	0	12	H. H. Pinkney
Oregon Coal Co.	No. 2	2	0	11	L. Blenkinsopp
Oregon Coal Co.	No. 2	1	0	11	H. H. Pinkney
Oregon Coal Co.	No. 3	1	0	11	H. H. Pinkney
Oregon Coal Co.	No. 3	3	0	11	L. Blenkinsopp
Oregon Coal Co.	No. 4	1	0	11	L. Blenkinsopp
Page Coal & Coke Co.	No. 1	4	0	11	L. Blenkinsopp
Page Coal & Coke Co.	No. 2	2	0	11	L. Blenkinsopp
Page Coal & Coke Co.	No. 3	4	0	11	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 1	3	0	11	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 2	5	0	11	L. Blenkinsopp
Peerless Coal & Coke Co.	No. 3	3	0	11	L. Blenkinsopp
Peerless Coal & Coke Co.	East	2	0	11	L. Blenkinsopp
Peerless Coal & Coke Co.	West	2	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	Cirrus	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 6-1	3	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 6-4	3	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 6-8	3	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 7-1	3	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 7-1 off 7	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 7-1 off 8	4	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 7-5	3	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 7-5 off 7	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 8-1 off 8	2	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 8-1 No. 8	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 8-D No. 8	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 8-D off 8	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	No. 8-1	1	0	11	L. Blenkinsopp
Pocahontas Con Col Co. Inc	Angle	3	1	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Angle	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Cherokee	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Cherokee	1	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Delta	2	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Delta	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Lick Branch	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Lick Branch	2	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Norfolk	2	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Norfolk	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Rolfe	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Rolfe	1	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Shamokin	2	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Shamokin	2	0	10	Isaac Murray
Pocahontas Smokeless C Co	Slick Rock	3	*	11	L. Blenkinsopp
Pocahontas Smokeless C Co	Poca. Smokeless	1	0	12	H. H. Pinkney
Powhatan Coal & C. Co.	Powhatan	2	0	11	L. Blenkinsopp

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* Owing to change in districts this mine shows in two.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Powhatan Coal & C. Co...	East	2	0	11	L. Blenkinsopp
Powhatan Coal & C. Co...	West	2	0	11	L. Blenkinsopp
Premier Poca Colls. Co...	No. 1	1	0	12	H. H. Pinkney
Premier Poca Colls. Co...	No. 1	2	0	12	E. C. Lambert
Premier Poca Colls. Co...	No. 2	2	0	12	E. C. Lambert
Premier Poca Colls. Co...	No. 2	1	0	12	H. H. Pinkney
Premier Poca Colls. Co...	No. 2½	1	0	12	E. C. Lambert
Premier Poca Colls. Co...	No. 3	2	0	12	E. C. Lambert
Premier Poca Colls. Co...	No. 3	1	0	12	H. H. Pinkney
Premier Poca Colls. Co...	No. 3½	1	0	12	H. H. Pinkney
Premier Poca Colls. Co...	No. 3½	2	0	12	E. C. Lambert
Premier-Poca Colls. Co...	No. 4	1	0	12	H. H. Pinkney
Premier-Poca Colls. Co...	No. 4	1	0	12	E. C. Lambert
Premier-Poca Colls. Co...	No. 5	1	0	12	E. C. Lambert
Premier-Poca Colls. Co...	No. 5	1	0	12	H. H. Pinkney
Premier-Poca Colls. Co...	No. 6	1	0	12	H. H. Pinkney
Premier-Poca Colls. Co...	No. 6	1	0	12	E. C. Lambert
Pulaski Iron Co..........	No. 1	4	0	11	L. Blenkinsopp
Pulaski Iron Co..........	No. 2	4	0	11	L. Blenkinsopp
Pulaski Iron Co..........	No. 3	4	0	11	L. Blenkinsopp
Roanoke Coal & Coke Co..	Roanoke	1	0	10	Arthur Mitchell
Roanoke Coal & Coke Co..	Roanoke	2	0	10	Isaac Murray
Shawnee Coal & Coke Co..	Shawnee	4	0	10	L. Blenkinsopp
Solvay Colls. Co.........	Big Sandy	1	0	12	E. C. Lambert
Solvay Colls. Co.........	Big Sandy	1	0	12	H. H. Pinkney
Solvay Colls. Co.........	Marytown	1	0	12	E. C. Lambert
Standard Poca Coal Co...	*Standard	2	0	12	H. H. Pinkney
Standard Poca Coal Co...	*Standard	5	0	10	Isaac Murray
Standard Poca Coal Co...	*Standard	8	0	11	L. Blenkinsopp
Superior Poca Coal Co....	Blackstone	2	0	12	E. C. Lambert
Superior Poca Coal Co....	Cletus	1	0	12	E. C. Lambert
Superior Poca Coal Co....	No. 4	1	0	12	E. C. Lambert
Superior Poca Coal Co....	Davy Crockett	2	0	12	E. C. Lambert
Superior Poca Coal Co....	Helena	2	0	12	E. C. Lambert
Tidewater Coal & Coke Co.	Tidewater	6	0	11	L. Blenkinsopp
Tidewater Coal & Coke Co.	Tidewater	1	0	11	R. Y. Muir
Tierney, L. E............	Elkridge	1	0	10	Isaac Murray
Turkey Gap C. & C. Co...	Turkey Gap	5	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 1	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 2	4	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 3	3	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 4	3	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 5	3	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 6	3	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 7	4	0	[illegible]	L. Blenkinsopp
United States C. & C. Co.	No. 8	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 8a	2	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 8-c	2	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 9 East	3	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 9 West	2	0	11	L. Blenkinsopp
United States C. & C. Co.	West	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 10	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 10 West	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 11	1	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 11-4	2	0	11	L. Blenkinsopp
United States C. & C. Co.	No. 12	2	0	11	L. Blenkinsopp
Upland Coal & Coke Co...	Upland	5	0	11	L. Blenkinsopp
Vaughan Coal & Coke Co.	Vaughan	1	0	[illegible]	E. C. Lambert
Vaughan Coal & Coke Co.	Vaughan	1	0	12	H. H. Pinkney
War Creek Coal Co.......	War Creek	2	0	12	E. C. Lambert
Welch Coal & Coke Co...	Welch	2	0	12	L. Blenkinsopp
Welch Coal & Coke Co...	Welch	1	0	11	H. H. Pinkney
W. Va.-Poca C. Co.......	No. 1	3	0	11	L. Blenkinsopp
W. Va.-Poca C. Co.......	No. 2	2	0	11	L. Blenkinsopp
Yukon-Poca Coal Co......	Yukon	2	0	12	E. C. Lambert
Yukon-Poca Coal Co......	Yukon	1	0	12	H. H. Pinkney
Yukon-Poca Coal Co......	No. 1	1	0	12	E. C. Lambert
Zenith Coal & Coke Co...	No. 1	1	0	10	Arthur Mitchell
Zenith Coal & Coke Co...	No. 1	1	0	10	Isaac Murray

*Owing to a change in districts this mine appears in three.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Zenith Coal & Coke Co...	No. 2	1	0	10	Arthur Mitchell
Zenith Coal & Coke Co....	No. 2	1	0	10	Isaac Murray
Zenith Coal & Coke Co...	North	2	0	10	Isaac Murray
Total..........		501	3		
MERCER COUNTY.					
American Coal Co........	Crane Creek No. 1	1	0	10	Arthur Mitchell
American Coal Co........	Crane Creek No. 1	2	0	10	Isaac Murray
American Coal Co........	No. 2	2	0	10	Isaac Murray
American Coal Co........	No. 2	1	0	10	Arthur Mitchell
American Coal Co........	Piedmont No. 1	1	0	10	Arthur Mitchell
American Coal Co........	Piedmont No. 1	1	0	10	Isaac Murray
American Coal Co........	Pinnacle North	2	0	10	Isaac Murray
American Coal Co........	Pinnacle North	1	0	10	Arthur Mitchell
American Coal Co........	Pinnacle South	1	0	10	Arthur Mitchell
American Coal Co........	Pinnacle South	2	0	10	Isaac Murray
American Coal Co........	Pinnacle No. 3	1	0	10	Arthur Mitchell
Booth-Bowen C. & C. Co...	Booth-Bowen	2	0	10	Arthur Mitchell
Booth-Bowen C. & C. Co...	Booth-Bowen	1	0	10	Isaac Murray
Buckeye Coal & Coke Co..	North	1	0	10	Isaac Murray
Buckeye Coal & Coke Co..	North	2	0	10	Arthur Mitchell
Buckeye Coal & Coke Co..	South	2	0	10	Arthur Mitchell
Buckeye Coal & Coke Co..	South	1	0	10	Isaac Murray
Crystal Coal & Coke Co...	No. 1	1	0	10	Isaac Murray
Crystal Coal & Coke Co...	No. 1	1	0	10	Arthur Mitchell
Crystal Coal & Coke Co...	No. 2	1	0	10	Arthur Mitchell
Crystal Coal & Coke Co...	No. 2	1	0	10	Isaac Murray
Crystal Coal & Coke Co...	No. 3	1	0	10	Arthur Mitchell
Crystal Coal & Coke Co...	No. 4	1	0	10	Arthur Mitchell
Crystal Coal & Coke Co...	No. 4	1	0	10	Isaac Murray
Ennis Coal Co............	Hiawatha	1	0	10	Isaac Murray
Godfrey Coal Co.........	Cephus	1	0	10	Arthur Mitchell
Hiawatha Coal & Coke Co.	Hiawatha	1	0	10	Arthur Mitchell
Louisville Coal & Coke Co.	Goodwill	2	0	10	Arthur Mitchell
Louisville Coal & Coke Co.	No. 1	1	0	10	Isaac Murray
Louisville Coal & Coke Co.	No. 2	1	0	10	Isaac Murray
Louisville Coal & Coke Co.	No. 2	2	0	10	Arthur Mitchell
Louisville Coal & Coke Co.	No. 3	2	0	10	Arthur Mitchell
Louisville Coal & Coke Co.	No. 3	1	0	10	Isaac Murray
Louisville Coal & Coke Co.	No. 4	1	0	10	Isaac Murray
Louisville Coal & Coke Co.	No. 4	2	0	10	Arthur Mitchell
Mill Creek C. & C. Co...	Coaldale	2	0	10	Arthur Mitchell
Mill Creek C. & C. Co...	Coaldale	1	0	10	Isaac Murray
Mill Creek C. & C. Co...	Mill Creek	2	0	10	Isaac Murray
Mill Creek C. & C. Co...	East	1	0	10	Isaac Murray
Mill Creek C. & C. Co...	East	2	0	10	Arthur Mitchell
Mill Creek C. & C. Co...	Tug River	1	0	10	Arthur Mitchell
Mill Creek C. & C. Co...	Tug River	1	0	10	Isaac Murray
Mill Creek C. & C. Co...	West	2	0	10	Arthur Mitchell
Mill Creek C. & C. Co...	West Fork	3	0	10	Arthur Mitchell
Pawama Coal & Coke Co..	Pawama	2	0	10	Isaac Murray
Pawama Coal & Coke Co..	Pawama	1	0	10	J. H. Flanagan
Pawama Coal & Coke Co..	Pawama No. 1	1	0	10	Arthur Mitchell
Pawama Coal & Coke Co..	Pawama No. 2	1	0	10	Arthur Mitchell
Pawama Coal & Coke Co..	Pawama No. 2	1	0	10	Isaac Murray
Pawama Coal & Coke Co..	Pawama No. 3	1	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Caswell Creek	3	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Elkhorn	1	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Elkhorn	1	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Hemlock	1	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Sagamore No. 1	2	0	10	Arthur Mitchell
Pocahontas Con Col Co. Inc	Sagamore	2	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Sagamore No. 2	1	0	10	Isaac Murray
Pocahontas Con Col Co. Inc	Sagamore No. 2	2	0	10	Arthur Mitchell
Smokeless C. & C. Co.....	Smokeless	1	0	10	Arthur Mitchell
Smokeless C. & C. Co.....	Smokeless	1	0	10	Isaac Murray
Solvay Collieries Co......	Spring	1	0	10	Isaac Murray
Solvay Collieries Co......	Spring	2	0	10	Arthur Mitchell
Thomas Coal Co.........	No. 1	1	0	10	Arthur Mitchell

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Thomas Coal Co.	No. 1	2	0	10	Isaac Murray
Thomas Coal Co.	No. 2	2	0	10	Isaac Murray
Thomas Coal Co.	No. 2	1	0	10	Arthur Mitchell
Turkey Gap C. & C. Co.	Wenonah No. 1	2	0	10	Arthur Mitchell
Turkey Gap C. & C. Co.	Wenonah No. 1	2	0	10	J. H. Flanagan
Turkey Gap C. & C. Co.	Wenonah No. 2	1	0	10	Arthur Mitchell
Turkey Gap C. & C. Co.	Wenonah No. 3	1	0	10	Arthur Mitchell
Turkey Gap C. & C. Co.	Wenonah No. 4	1	0	10	Arthur Mitchell
Turkey Gap C. & C. Co.	Wenonah No. 5	1	0	10	Arthur Mitchell
Wenonah Coal & Coke Co.	Wenonah No. 1	1	0	10	Isaac Murray
Wenonah Coal & Coke Co.	Wenonah No. 2	1	0	10	Isaac Murray
Wenonah Coal & Coke Co.	Elihu	1	0	10	Arthur Mitchell
Weyanoke C. & Coke Co.	Elihu	2	0	10	Isaac Murray
Weyanoke C. & Coke Co.	Elihu	1	0	10	J. H. Flanagan
Weyanoke C. & Coke Co.	Weyanoke	1	0	10	Arthur Mitchell
Weyanoke C. & Coke Co.	Weyanoke	1	0	10	J. H. Flanagan
Weyanoke C. & Coke Co.	Weyanoke	2	0	10	Isaac Murray
Total		110	0		
MINERAL COUNTY.					
Abram's Creek C. & C. Co.	No. 1	3	0	4	W. B. Plaster
Big Vein Coal Co. of W. Va.	4-foot	1	1	4	W. B. Plaster
Carroll-Cross Coal Co.	Sarah No. 2	2	0	4	W. B. Plaster
Carroll-Cross Coal Co.	Sarah No. 3	2	0	4	W. B. Plaster
Carroll-Cross Coal Co.	No. 3	3	0	4	W. B. Plaster
Carroll-Cross Coal Co.	Imperial	3	1	4	W. B. Plaster
Davis Coal & Coke Co.	Elk Garden No. 6	2	0	4	W. B. Plaster
Davis Coal & Coke Co.	No. 14	3	0	4	W. B. Plaster
Davis Coal & Coke Co.	No. 19	2	0	4	W. B. Plaster
Davis Coal & Coke Co.	No. 20	4	0	4	W. B. Plaster
Davis Coal & Coke Co.	No. 50	2	0	4	W. B. Plaster
Davis Coal & Coke Co.	No. 51	1	0	4	W. B. Plaster
Gleason Coal & Coke Co.	No. 2	1	0	4	W. B. Plaster
Gleason Coal & Coke Co.	No. 3	1	0	4	W. B. Plaster
Hamill Coal & Coke Co.	No. 2	2	1	4	W. B. Plaster
Masteller Coal Co.	No. 1	1	0	4	W. B. Plaster
Masteller Coal Co.	No. 2	1	0	4	W. B. Plaster
Masteller Coal Co.	New Creek	1	0	4	W. B. Plaster
Western Md. Coal Co.	No. 2	3	0	4	W. B. Plaster
Western Md. Coal Co.	No. 4	3	0	4	W. B. Plaster
Western Md. Coal Co.	No. 5	1	0	4	W. B. Plaster
Total		42	3		
MINGO COUNTY.					
Buffalo Creek Colly. Co.	Buffalo	1	0	12	E. C. Lambert
Buffalo Creek Colly. Co.	Coalburg	1	0	12	E. C. Lambert
Crystal Block C. & C. Co.	Crystal	1	0	12	H. H. Pinkney
Crystal Block C. & C. Co.	Winifrede	1	0	12	E. C. Lambert
Glen Alum Coal Co.	No. 1	2	0	12	E. C. Lambert
Glen Alum Coal Co.	No. 2	2	0	12	E. C. Lambert
Glen Alum Coal Co.	No. 3	2	0	12	E. C. Lambert
Glen Alum Coal Co.	No. 4	2	0	12	E. C. Lambert
Grey Eagle Coal Co.	Gray Eagle	3	0	12	E. C. Lambert
Howard Colliery Co.	Coalburg	1	0	12	E. C. Lambert
Howard Colliery Co.	No. 1	1	0	12	E. C. Lambert
Howard Colliery Co.	No. 2	1	0	12	E. C. Lambert
Howard Colliery Co.	Frederick	2	0	12	E. C. Lambert
Howard Colliery Co.	Howard	1	0	12	E. C. Lambert
Howard Colliery Co.	Howard, Jr.	1	0	12	E. C. Lambert
Howard Colliery Co.	No. 3	1	0	12	E. C. Lambert
Howard Colliery Co.	No. 4	1	0	12	E. C. Lambert
Magnolia Coal & Coke Co.	Magnolia	1	0	12	E. C. Lambert
Margaret Mining Co.	Margaret	2	0	12	E. C. Lambert
Mary Helen C. Co.	Mary Helen	1	0	12	E. C. Lambert
Mary Helen C. Co.	Mary Helen	1	0	12	H. H. Pinkney
Marvin Coal Co.	Thacker	1	0	12	H. H. Pinkney
Mingo Washed Coal Co.	Mattie May	1	0	12	E. C. Lambert
Red Jacket Con C. & C. Co.	Grapevine	1	0	12	H. H. Pinkney

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Red Jacket Con C. & C. Co.	Grapevine	4	0	12	E. C. Lambert
Red Jacket Con C. & C. Co.	Junior No. 1	1	0	12	E. C. Lambert
Red Jacket Con C. & C. Co.	Junior No. 2	1	0	12	E. C. Lambert
Red Jacket Con C. & C. Co.	Mitchell Branch	1	0	12	E. C. Lambert
Shanklin, Jas. R. C. Co...	Naugatuck	1	0	12	H. H. Pinkney
Shanklin, Jas. R. C. Co...	Blockton	2	0	12	E. C. Lambert
Sternberger Coal Co......	Goodman	1	0	12	E. C. Lambert
Stone Mountain Coal Corp.	Marvin	1	0	12	E. C. Lambert
Superior-Thacker Coal Co.	Garner	2	0	12	E. C. Lambert
Sycamore Coal Co........	No. 1	2	0	12	H. H. Pinkney
Sycamore Coal Co........	No. 1	1	0	12	E. C. Lambert
Sycamore Coal Co........	No. 2	1	0	12	H. H. Pinkney
Sycamore Coal Co........	No. 3	1	0	12	H. H. Pinkney
Sycamore Coal Co........	No. 4	1	0	12	H. H. Pinkney
Sycamore Coal Co........	Cinderella	1	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 3	3	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 6	1	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 7	1	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 8	2	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 9	2	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 10	1	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 11	2	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 12	2	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 13	2	0	12	E. C. Lambert
Thacker Coal & Coke Co...	No. 14	2	0	12	E. C. Lambert
Thacker Fuel Co.........	No. 10	1	0	12	H. H. Pinkney
Thacker Fuel Co.........	No. 11	1	0	12	H. H. Pinkney
Thacker Fuel Co.........	No. 14	1	0	12	H. H. Pinkney
War Eagle Coal Co.......	Mephisto	1	0	12	H. H. Pinkney
War Eagle Coal Co.......	Mephisto	1	0	12	E. C. Lambert
War Eagle Coal Co.......	Pappoose	1	0	12	E. C. Lambert
War Eagle Coal Co.......	Pappoose	1	0	12	H. H. Pinkney
White Star Mining Co....	No. 1	1	0	12	E. C. Lambert
White Star Mining Co....	Rawl	1	0	12	E. C. Lambert
White Star Mining Co....	Rawl	1	0	12	H. H. Pinkney
White Star Mining Co....	White Star	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	Williamson	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	No. 1	1	0	12	H. H. Pinkney
Williamson C. & Coke Co.	No. 1	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	No. 3	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	No. 3	1	0	12	H. H. Pinkney
Williamson C. & Coke Co.	No. 5	1	0	12	H. H. Pinkney
Williamson C. & Coke Co.	No. 5	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	No. 6	1	0	12	E. C. Lambert
Williamson C. & Coke Co.	No. 6	1	0	12	H. H. Pinkney
Williamson C. & Coke Co.	No. 7	1	0	12	E. C. Lambert
Total...........	....	92	0		
MONONGALIA COUNTY.					
Antler Coal Co...........	No. 1	1	0	3	L. D. Vaughn
Connellsville C. & C. Co..	No. 1	1	0	3	L. D. Vaughn
Consolidation C. Co., The.	No. 30	1	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Richard	4	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Coaling Station	1	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 3	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Sabraton No. 4	4	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Sabraton No. 5	5	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Sabraton No. 6	2	0	3	L. D. Vaughn
Great Scott Coal Co......	Great Scott	1	0	3	L. D. Vaughn
Southn Connellsv. Coke Co.	No. 1	1	0	3	L. D. Vaughn
Southn Connellsv. Coke Co.	No. 2	1	0	3	L. D. Vaughn
Total...........	....	24	0		
NICHOLAS COUNTY.					
Coalbell Coal Co.........	Flinn	1	0	8	R. Y. Muir
Ridgewood Coal Co........	Raven	1	0	8	R. Y. Muir
Ridgewood Coal Co........	Raven	1	0	8	Jas. Martin

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Saxman Coal & Coke Co..	Nos. 1 & 2	2	0	5	R. B. Cobb
Saxman Coal & Coke Co..	No. 3	1	0	5	R. B. Cobb
Total........ ..	....	6	0		
OHIO COUNTY.					
Creighton, W. F.........	Creighton	1	0	1	W. B. Riggleman
Elm Grove Coal Co.......	Elm Grove	2	0	1	W. B. Riggleman
Richland Coal Co........	Richland	2	0	1	W. B. Riggleman
Storch Peter	Storch	1	0	1	W. B. Riggleman
Whitaker-Glessner Co.....	Carter	1	0	1	W. B. Riggleman
Total...........	....	7	0		
PRESTON COUNTY.					
Austen Coal & Coke Co...	No. 1	3	0	3	L. D. Vaughn
Austen Coal & Coke Co...	No. 2	4	0	3	L. D. Vaughn
Borgman Coal Co.........	No. 1	3	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Bretz No. 2	3	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Burk No. 7	1	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 7-1	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 7-2	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 7-3	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 7-4	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Masontown No. 5 ...	1	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Mansontown No. 6 ..	3	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 6-5	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	Kingwood No. 4	2	0	3	L. D. Vaughn
Elkins Coal & Coke Co....	No. 4	1	0	3	F. E. Parsons
Gorman Coal & Coke Co...	No. 2	2	0	3	L. D. Vaughn
Gorman Coal & Coke Co...	No. 3	2	0	3	L. D. Vaughn
Hiorra Coke Co..........	No. 1	3	0	3	L. D. Vaughn
Hite Coal & Coke Co.....	Dixie	2	0	3	L. D. Vaughn
Irona Coal Co...........	No. 1	1	0	3	L. D. Vaughn
Irona Coal Co...........	No. 2	1	*	3	L. D. Vaughn
Kingwood Coal Co........	No. 1 Howesville No. 1	4	0	3	L. D. Vaughn
Kingwood Coal Co........	No. 2 Howesville No. 2	2	0	3	L. D. Vaughn
Kendall Lumber Co.......	Arnold Run	1	0	3	L. D. Vaughn
Late Irvington-Coal Co....	No. 1	2	0	3	L. D. Vaughn
Late Gordon B. Coal Co...	No. 1	1	0	3	L. D. Vaughn
Merchants Coal Co.......	No. 2	2	0	3	L. D. Vaughn
Preston County Coke Co...	Cascade No. 1	4	0	3	L. D. Vaughn
Preston County Coke Co...	No. 3	3	0	3	L. D. Vaughn
Preston Fuel Co.........	No. 1	8	0	3	L. D. Vaughn
Somerset Smokeless C. Co.	No. 1	1	0	3	L. D. Vaughn
Somerset Smokeless C. Co.	No. 2	1	0	3	L. D. Vaughn
Va.-Maryland Coal Corp..	Scotch Hill	11	0	3	L. D. Vaughn
Va.-Maryland Coal Corp..	Scotch Hill	2	0	3	F. E. Parsons
Va.-Maryland Coal Corp..	Scotch Hill	1	0	3	W. B. Riggleman
Wills Coal Co...........	No. 1	1	0	3	L. D. Vaughn
Total...........	....	86	0		
PUTNAM COUNTY.					
Black Betsy Coal & Mng Co	Black Betsy	3	0	5	R. B. Cobb
Oak Forest Coal Co......	Oak Forest	1	0	5	R. B. Cobb
Otto Marmet C. & Mng. Co.	No. 1	1	0	5	R. B. Cobb
Otto Marmet C. & Mng. Co.	No. 4	1	0	5	R. B. Cobb
Otto Marmet C. & Mng. Co.	No. 5	1	0	5	R. B. Cobb
Plymouth Coal & Mng. Co.	Plymouth	2	0	5	R. B. Cobb
Plymouth Coal & Mng. Co.	No. 1	1	0	5	R. B. Cobb
Plymouth Coal & Mng. Co.	Manilla No. 2	1	0	5	R. B. Cobb
Plymouth Coal & Mng. Co.	No. 4	1	0	5	R. B. Cobb
Plymouth Coal & Mng. Co.	No. 5	1	0	5	R. B. Cobb
Total...........	....	13	0		
RALEIGH COUNTY.					
Bailey-Wood Coal Co.....	Bailey-Wood	1	0	10	Arthur Mitchell
Bailey-Wood Coal Co.....	Bailey-Wood	1	0	10	Isaac Murray

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Beckley Coal & Coke Co.	Beckley	3	0	9	L. B. Holliday
Blue Jay Lumber Co.	No. 4	3	0	9	L. B. Holliday
City Coal Co.	Combs	4	0	9	L. B. Holliday
Clear Fork Coal Co.	Leevale	2	0	6	Enoch Carver
Cranberry Fuel Co.	Cranberry	4	0	9	L. B. Holliday
Cranberry Fuel Co.	Prosperity	3	0	9	L. B. Holliday
Cranberry Fuel Co.	Sprague	3	0	9	L. B. Holliday
Four States C. & C. Co.	Dorothy	2	0	6	Enoch Carver
Four States C. & C. Co.	Sarita	2	0	6	Enoch Carver
Gulf Coal Co.	Gulf	1	0	10	Arthur Mitchell
Gulf Coal Co.	Hot Coal	1	0	10	Arthur Mitchell
Gulf Coal Co.	Hot Coal	1	0	10	Isaac Murray
Gulf Coal Co.	No. 3	1	0	10	Arthur Mitchell
Gulf Coal Co.	No. 3	1	0	10	Isaac Murray
Gulf Coal Co.	No. 4	1	0	10	Isaac Murray
Gulf Coal Co.	No. 4	1	0	10	Arthur Mitchell
Gulf Smokeless Coal Co.	No. 1	1	0	10	Isaac Murray
Gulf Smokeless Coal Co.	No. 1	1	0	10	Arthur Mitchell
Gulf Smokeless Coal Co.	No. 2	1	0	10	Arthur Mitchell
Gulf Smokeless Coal Co.	No. 2	1	0	10	Isaac Murray
Gulf Smokeless Coal Co.	No. 3	1	0	10	Isaac Murray
Gulf Smokeless Coal Co.	No. 3	1	0	10	Arthur Mitchell
Lilly Mining Co.	Whorley	2	0	9	L. B. Holliday
Lynwin Coal	Lynwin	1	0	10	Arthur Mitchell
Lynwin Coal	Lynwin	1	0	10	Isaac Murray
Mabscott C. & C. Co.	No. 1	5	0	9	L. B. Holliday
Mabscott C. & C. Co.	No. 2	5	0	9	L. B. Holliday
MacAlpin Coal Co.	MacAlpin	1	0	10	Isaac Murray
MacAlpin Coal Co.	MacAlpin	1	0	10	Arthur Mitchell
MacAlpin Coal Co.	No. 2	1	0	10	Isaac Murray
Marsh Fork Coal Co.	Marsh Fork	1	0	6	Enoch Carver
Marsh Fork Coal Co.	Marsh Fork	1	0	6	Jas. Martin
Marsh Fork Coal Co.	No. 2	1	0	6	Enoch Carver
Marsh Fork Coal Co.	No. 3	1	0	6	Enoch Carver
Marsh Fork Coal Co.	No. 4	1	0	6	Enoch Carver
Marsh Fork Coal Co.	No. 5	1	0	6	Enoch Carver
Marsh Fork Coal Co.	No. 6	1	0	6	Enoch Carver
Marsh Fork Coal Co.	No. 7	1	0	6	Enoch Carver
McKell Coal & Coke Co.	Graham No. 1	2	0	9	L. B. Holliday
McKell Coal & Coke Co.	Oswald No. 1	2	0	9	L. B. Holliday
McKell Coal & Coke Co.	No. 2	2	0	9	L. B. Holliday
McKell Coal & Coke Co.	Sydney	1	0	9	L. B. Holliday
McKell Coal & Coke Co.	Sydney No. 2	1	0	9	L. B. Holliday
McKell Coal & Coke Co.	Tamroy	3	0	9	L. B. Holliday
New River Collieries Co.	Eccles No. 3	5	2	9	L. B. Holliday
New River Collieries Co.	Eccles No. 4	4	1	9	L. B. Holliday
New River Collieries Co.	Eccles No. 5	3	0	9	L. B. Holliday
New River Collieries Co.	Eccles No. 6	2	0	9	L. B. Holliday
Pemberton Coal & Coke Co.	Affinity	5	0	9	L. B. Holliday
Pemberton Coal & Coke Co.	Big Stick	2	0	10	Isaac Murray.
Pemberton Coal & Coke Co.	Big Stick	1	0	10	Arthur Mitchell.
Pemberton Fuel Co.	Pemberton	4	0	9	L. B. Holliday
Piney Mining Co.	No. 1	3	0	9	L. B. Holliday.
Piney Mining Co.	No. 2	3	0	9	L. B. Holliday.
Piney Mining Co.	No. 3	3	0	9	L. B. Holliday.
Piney Mining Co.	No. 4	2	0	9	L. B. Holliday.
Raleigh Coal & Coke Co.	No. 1	3	0	9	L. B. Holliday.
Raleigh Coal & Coke Co.	No. 3	3	0	9	L. B. Holliday.
Raleigh Coal & Coke Co.	No. 4	4	0	9	L. B. Holliday.
Raleigh Coal & Coke Co.	No. 5	4	0	9	L. B. Holliday.
Raleigh Coal & Coke Co.	No. 6	2	1	9	L. B. Holliday.
Royal Coal Co.	No. 1	1	0	9	L. B. Holliday.
Royal Coal Co.	No. 1	1	0	9	R. Y. Muir.
Slab Fork Coal Co.	No. 2	5	0	9	L. B. Holliday.
Slab Fork Coal Co.	No. 3	5	0	9	L. B. Holliday.
Slab Fork Coal Co.	No. 5	4	0	9	L. B. Holliday.
Slab Fork Coal Co.	No. 6	2	0	9	L. B. Holliday.
Slab Fork Coal Co.	No. 7	3	0	9	L. B. Holliday.
Stonewall Coal & Coke Co.	No. 2	1	0	9	L. B. Holliday.
Stonewall Coal & Coke Co.	No. 2	1	0	9	R. Y. Muir.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Stonewall Coal & Coke Co.	Terry No. 3	2	0	8	L. B. Holliday.
Stonewall Coal & Coke Co.	Terry No. 3	3	0	9	R. Y. Muir.
Stonewall Coal & Coke Co.	No. 3	1	0	8	R. Y. Muir.
Stonewall Coal & Coke Co.	No. 4	1	0	9	L. B. Holliday.
Stonewall Coal & Coke Co.	No. 4	1	0	8	R. Y. Muir.
Sullivan Coal & Coke Co..	No. 4 North	3	0	9	L. B. Holliday.
Sullivan Coal & Coke Co..	No. 4 South	2	0	9	L. B. Holliday.
Sullivan Coal & Coke Co..	No. 5 North	2	0	9	L. B. Holliday.
Sullivan Coal & Coke Co..	No. 5 South	1	0	9	L. B. Holliday.
Sullivan Coal & Coke Co..	No. 6 South	1	0	9	L. B. Holliday.
White, E. E. Coal Co.....	Glen White No. 1....	5	0	9	L. B. Holliday.
White, E. E. Coal Co.....	Glen White No. 2 ..	5	0	9	L. B. Holliday.
White, E. E. Coal Co.....	Glen White	1	0	9	Isaac Murray.
White, E. E. Coal Co.....	No. 5	1	0	10	Arthur Mitchell.
White, E. E. Coal Co.....	No. 5	1	0	10	Isaac Murray.
White, E. E. Coal Co.....	No. 6	1	0	10	Isaac Murray.
White, E. E. Coal Co.....	No. 6	1	0	10	Arthur Mitchell.
Winding Gulf Colliery Co..	No. 1	1	0	10	Arthur Mitchell.
Winding Gulf Colliery Co..	No. 1	1	0	10	Isaac Murray.
Winding Gulf Colliery Co..	No. 2	1	0	10	Isaac Murray.
Winding Gulf Colliery Co..	No. 2	1	0	10	Arthur Mitchell.
Winding Gulf Colliery Co..	No. 3	1	0	10	Arthur Mitchell.
Winding Gulf Colliery Co..	No. 3	1	0	10	Isaac Murray.
Wright Coal & Coke Co...	No. 1	1	1	9	L. B. Holliday.
Wright Coal & Coke Co...	No. 2	1	1	9	L. B. Holliday.
Wright Coal & Coke Co...	No. 2	1	0	8	R. Y. Muir.
Wright Coal & Coke Co...	No. 3	1	0	9	L. B. Holliday.
Wood Peck Coal Co.......	Wood Peck	4	0	9	L. B. Holliday.
White, E. E., Coal Co....	Stotesbury No. 1	1	0	9	Arthur Mitchell.
White, E. E., Coal Co....	Stotesbury No. 1	1	0	9	Isaac Murray.
White, E. E., Coal Co....	Stotesbury No. 3	1	0	9	Isaac Murray.
Total..........	....	202	6		
RANDOLPH COUNTY.					
Brady Coal Co...........	Klondyke	1	0	4	W. B. Plaster.
Brady Coal Co...........	Klondyke	1	0	4	Enoch Carver.
Davis Colliery Co........	Coalton No. 1	1	0	4	Enoch Carver.
Davis Colliery Co........	Coalton No. 2	2	0	4	W. B. Plaster.
Davis Colliery Co........	Coalton No. 3	2	0	4	W. B. Plaster.
Davis Colliery Co........	Sivad No. 1	1	0	4	W. B. Plaster.
Davis Colliery Co........	Sivad No. 1	1	0	4	Enoch Carver.
Davis Colliery Co........	Sivad No. 2	1	0	4	Enoch Carver.
Davis Colliery Co........	Sivad No. 2	2	0	4	W. B. Plaster.
Davis Colliery Co........	Sivad No. 3	1	0	4	W. B. Plaster.
Davis Colliery Co........	Sivad No. 3	1	0	4	Enoch Carver.
Davis Colliery Co........	Harding No. 1	1	0	4	W. B. Plaster.
Davis Colliery Co........	Harding East	1	0	4	W. B. Plaster.
Davis Colliery Co....... .	Harding No. 3	2	0	4	W. B. Plaster.
Davis Colliery Co........	Coaling Station	2	0	4	W. B. Plaster.
Davis Coal & Coke Co....	Weaver No. 1	2	0	4	W. B. Plaster.
Davis Coal & Coke Co....	No. 1½	1	0	4	W. B. Plaster.
Davis Coal & Coke Co....	No. 2	2	0	4	W. B. Plaster.
Davis Coal & Coke Co....	No. 2½	2	0	4	W. B. Plaster.
Green, W. H.............	Leroy	2	0	4	W. B. Plaster.
Green, W. H.............	Leroy	1	0	4	Enoch Carver.
Humphreys, A. W........	Klondyke	1	0	4	W. B. Plaster.
Jenkins Coal Co..........	Jenkins	2	0	4	W. B. Plaster.
Jenkins Coal Co..........	Jenkins	1	0	4	Enoch Carver.
Rich Mountain Coal Co...	Hartridge No. 1....	1	0	4	W. B. Plaster.
Rich Mountain Coal Co...	Beechwood No. 1 ...	1	0	4	W. B. Plaster.
Rich Mountain Coal Co...	Beechwood No. 2 ...	1	0	4	W. B. Plaster.
Total..........	....	37	0		
TAYLOR COUNTY.					
Brydon, L. B., Coal Co...	No. 1	3	0	3	L. D. Vaughn.
Davis Coal & Coke Co....	No. 2	3	0	3	L. D. Vaughn.
Grafton Coal & Coke Co...	Sand Lick No. 1	3	0	3	L. D. Vaughn.
Grafton Coal & Coke Co...	Sand Lick No. 2	2	0	3	L. D. Vaughn.
Maryland Coal Co. of W. Va.	No. 1	4	0	3	L. D. Vaughn.

STATEMENT SHOWING NAMES OF MINES, NUMBER OF INSPECTIONS, AND VISITS MADE DURING THE YEAR ENDING JUNE 30TH, 1914.

NAME OF COMPANY.	NAME OF MINE.	Ins.	Visits	Dist.	Inspectors.
Maryland Coal Co. of W. Va.	No. 2	2	0	3	L. D. Vaughn.
Maryland Coal Co. of W. Va.	No. 4	3	0	3	L. D. Vaughn.
Maryland Coal Co. of W. Va.	No. 5	3	0	3	L. D. Vaughn.
McGraw Coal Co.	No. 1	7	0	3	L. D. Vaughn.
Pittsvein Coal Co.	No. 4	3	0	3	L. D. Vaughn.
Rosemont Coal Co.	No. 1	5	0	3	L. D. Vaughn.
Rosemont Coal Co.	No. 1	1	0	3	F. E. Parsons.
Sterling Coal Co.	Cecil No. 1	3	0	3	L. D. Vaughn.
Sunnyside Coal Co.	Sunnyside	2	0	3	L. D. Vaughn.
Winona Coal & Coke Co.	No. 1	2	0	3	L. D. Vaughn.
Winona Coal & Coke Co.	No. 2	2	0	3	L. D. Vaughn.
Total		48	0		
TUCKER COUNTY.					
Cooper, Calvin J.	Cooper	2	0	4	W. B. Plaster.
Cumberland Coal Co.	No. 1	2	0	4	W. B. Plaster.
Cumberland Coal Co.	Douglass No. 2	2	0	4	W. B. Plaster.
Cumberland Coal Co.	No. 6	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Pendleton Run	3	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Thomas No. 23	7	1	4	W. B. Plaster.
Davis Coal & Coke Co.	Coketon No. 24	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Thomas No. 25	3	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Coketon No. 26	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	No. 27	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Thomas No. 34	1	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Coketon No. 35	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	No. 36	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	No. 37	1	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Bush No. 38	2	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Pierce No. 39	3	1	4	W. B. Plaster.
Davis Coal & Coke Co.	Pierce No. 40	4	0	4	W. B. Plaster.
Davis Coal & Coke Co.	Francis No. 41	3	0	4	W. B. Plaster.
Total		45	2		
UPSHUR COUNTY.					
Buckhannon River Coal & Coke Co.	Florence	1	0	2	W. B. Plaster.
Buckhannon River Coal & Coke Co.	Florence	1	0	2	Enoch Carver.
Buckhannon River Coal & Coke Co.	Florence No. 2	1	0	2	F. E. Parsons.
Buckhannon River Coal & Coke Co.	Florence No. 2	1	0	4	W. B. Plaster.
Newcomer Coal & Coke Co.	Newcomer	1	0	2	F. E. Parsons.
Red Rock Fuel Co.	Newcomer No. 1	1	0	2	F. E. Parsons.
Red Rock Fuel Co.	Newcomer No. 2	1	0	2	F. E. Parsons.
Total		7	0		
WAYNE COUNTY.					
East Lynn Coal Co.	East Lynn	2	0	12	E. C. Lambert.
East Lynn Coal Co.	No. 1	1	0	12	H. H. Pinkney.
East Lynn Coal Co.	No. 2	1	0	12	H. H. Pinkney.
Total		4	0		
WYOMING COUNTY.					
Mead-Poca Coal Co.	Mead Poca	1	0	10	Isaac Murray.
Mead-Poca Coal Co.	Mead Poca. No. 1	2	0	10	Isaac Murray.
Mead-Poca Coal Co.	Mead Poca. No. 1	1	0	10	Arthur Mitchell.
Mead-Poca Coal Co.	Mead Poca. No. 2	1	0	10	Isaac Murray.
Mead-Poca Coal Co.	Trace Fork	2	0	10	Isaac Murray.
Total		7	0		

IMPROVEMENTS

IMPROVEMENTS MADE AT THE MINES DURING THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	New Plants	Power Plants	Fans	Furnaces	Locomotives	Tipples	Additional Openings	New Ovens	New Houses	Mine Cars
Barbour	1	1	....	....	....	1	....	35	....	....
Boone	....	3	....	....	....	....	....	....	22	....
Clay	....	1	....	....	....	....	....	....	....	....
Fayette	1	3	1	....	2	3	4	....	1	32
Gilmer	....	....	....	....	....	....	1	....	15	....
Grant	....	1	....	....	....	....	....	....	....	....
Harrison	1	1	1	....	2	....	1	....	29	30
Kanawha	....	3	1	....	....	4	6	....	2	....
Lincoln	....	....	....	....	....	....	....	....	1	....
Logan	3	1	2	....	....	....	9	2	56	70
Marion	....	....	....	....	3	....	....	....	17	....
Marshall	....	....	2	....	....	....	1	....	....	....
Mason	....	....	....	....	....	....	1	....	....	....
McDowell	3	4	2	....	6	5	11	....	133	58
Mercer	....	....	1	....	1	1	2	....	3	....
Mineral	....	....	....	....	....	4	....	....	10	....
Mingo	....	1	3	....	....	3	8	....	18	30
Preston	....	....	4	....	....	4	4	....	1	29
Raleigh	....	2	1	....	8	3	1	....	44	125
Taylor	....	....	....	....	....	....	1	....	12	....
Wyoming	....	....	....	....	....	1	....	....	....	....
Total	9	21	18	....	22	29	50	37	364	374

Small County Mines—Nothing reported.

STRIKES

SUMMARY OF STRIKES AT THE COAL MINES IN WEST VIRGINIA FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY	Total Number of Mines Reporting Strikes	Total Number of Employees thrown out of employment by Strikes	Total Loss Reported to Employees	Number of Companies Reporting Loss to Operators	Total Loss Reported to Operators
Boone	3	285	$ 14,500.00	3	$ 9,000.00
Brooke	3	360	....	....	....
Fayette	21	2,819	209,350.00	19	99,050.00
Harrison	1	75	1,500.00	....	....
Kanawha	70	5,275	594,916.00	25	288,687.00
Logan	3	208	650.00	1	1,000.00
* Mason	1	....	....	....	....
McDowell	1	15	75.00	1	30.00
Nicholas	1	75	3,750.00	1	1,100.00
Putnam	9	1,169	18,000.00	1	2,500.00
Raleigh	11	1,320	21,132.50	4	3,000.00
Total	124	11,601	$863,873.50	55	$404,367.00

* Some labor troubles.

ACCIDENTS

TABLE SHOWING THE FATAL AND NON-FATAL ACCIDENTS IN THE STATE BY COUNTIES, AND THEIR CAUSES.

F.—Means Fatal. N.-F.—Means Non-Fatal.

COUNTY	Falls of Roof and Slate		Mine Cars		Shaft Accidents		Locomotives		Mine Machinery		Electricity		Mining Machines		Explosives		Disastrous Explosion		Mine Fire		Railroad Cars		Tipple Accidents		Coke Yard		Incline Accidents		Miscel- laneous		Total F.	Total N. F.	Sum Total
	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.	F.	N. F.			
Barbour	3	8	...	5	..	..	..	1	..	1	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	1	..	4	15	19
Boone	...	...	...	1	..	..	..	1	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	2	2
Braxton	4	2	...	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	4	2	6
Brooke	3	6	...	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	1	3	7	10
Clay	1	2	...	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	3
Fayette	31	91	8	55	..	..	3	5	..	2	7	..	1	4	1	6	...	..	..	..	..	..	..	4	..	..	2	3	3	18	56	188	244
Grant	...	1	...	...	..	..	..	..	..	..	1	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Greenbrier	...	1	...	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	1	1
Harrison	16	18	1	16	..	..	1	..	..	..	..	..	..	..	1	4	...	..	..	..	..	..	..	2	..	..	..	..	2	6	21	46	67
Kanawha	10	29	2	20	..	..	2	1	..	..	..	..	..	2	..	4	...	..	..	..	..	..	..	1	..	..	..	..	..	7	14	64	78
Lewis	1	...	...	...	..	..	..	..	..	..	..	..	..	..	..	1	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	2
Logan	8	8	1	11	..	..	1	1	2	..	3	..	..	3	2	3	...	..	..	..	1	..	..	..	..	..	..	..	..	6	18	32	50
Marion	10	26	9	30	1	..	..	5	..	1	..	1	..	3	1	4	...	..	..	..	1	..	1	..	..	..	..	..	1	5	24	75	99
Marshall	4	2	1	1	..	..	..	..	..	..	..	..	..	1	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	1	5	5	10
Mason	...	2	...	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	2	2
McDowell	77	96	18	47	2	..	6	5	1	..	4	..	..	7	..	6	...	..	..	..	2	..	1	2	..	1	..	1	3	16	114	181	295
Mercer	6	15	5	5	..	..	..	1	..	..	..	..	..	1	..	2	...	..	..	..	1	..	..	..	..	..	..	..	..	2	12	26	38
Mineral	...	4	...	3	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	1	...	8	8
Mingo	5	6	2	7	..	..	2	3	..	..	1	..	1	1	1	2	...	..	5	..	..	1	..	..	..	..	2	..	1	1	20	21	41
Monongalia	1	1	...	2	..	..	1	..	..	..	..	..	..	..	1	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	3	3	6
Nicholas	...	1	...	1	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	2	2
Ohio	3	3	1	2	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	1	..	5	5	10
Preston	5	7	...	4	..	..	..	2	..	..	..	..	..	..	..	2	...	..	..	..	1	..	..	..	..	..	..	..	..	2	6	17	23
Putnam	2	4	...	5	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	2	9	11
Raleigh	17	48	5	33	..	..	3	7	..	..	2	..	1	2	1	10	183	..	..	..	..	1	1	..	..	..	..	1	..	4	213	106	319
Randolph	...	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	1	1	5	6
Taylor	3	9	1	2	..	..	..	..	..	..	..	..	..	..	..	3	...	..	..	..	1	..	1	..	..	1	..	..	..	6	6	21	27
Tucker	3	5	1	6	..	..	..	1	..	1	2	..	..	..	..	5	...	..	..	..	..	..	..	..	..	..	..	..	..	1	6	19	25
Upshur	...	...	...	1	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	1	1
Wayne	...	...	...	...	..	..	..	..	..	..	..	..	..	..	..	3	...	..	..	..	..	..	..	..	..	..	..	..	..	..	...	3	3
Wyoming	...	...	1	...	..	..	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	..	..	..	..	..	..	1	....	1
Total	213	398	57	258	3	..	19	33	3	5	20	1	3	24	8	55	183	..	5	..	7	2	4	9	..	2	4	5	12	78	541	870	1,411

COMPARATIVE STATEMENT OF THE NUMBER OF MEN EMPLOYED, MEN KILLED, AND THE PRODUCTION OF COAL FROM 1888 TO 1914 (COMMERCIAL MINES.)

FOR THE YEAR ENDING	Number of Inside Employes.	Number of Outside Employes.	Total Employes excluding Coke Men.	Killed by Falls of Coal, Slate, Roof.	Killed by Cars	Killed by Explosions.	Killed by Other Causes.	Total Killed	Total Tons of Coal Mined (Tons of 2,240 lbs.)	Tons mined for each Inside Employe.	Tons mined for each person killed inside	No. persons killed inside for every 1000 ins. Employes	No. inside employes for every person killed inside.
December 31, 1883	5,343	1,051	6,394	17	3	.....	....	20	2,805,565	525	147,661	3.55	281
December 31, 1884	4,627	1,724	6.351	no	rep.	.....	....	.....	2,901,642	627	....	.....	....
December 31, 1885	5,486	1,806	7,292	16	4	3	....	23	3,008,091	548	150,404	3.64	274
December 31, 1886	6,081	1,181	7,262	4	2	39	3	48	3,213,093	528	3,024	7.23	138
January 1, 1887, to June 30, 1888.	7,269	1,187	8,456	27	2	.....	2	31	5,809,223	799	187,394	4.26	234
June 30, 1889	7,764	1,242	9,006	9	....	.....	4	13	4,566,859	588	415,169	1.41	706
June 30, 1890	9,173	2,324	11,497	21	2	2	2	27	5,643,946	615	235,168	2.61	382
June 30, 1891	10,434	2,589	13,023	22	4	5	5	36	7,281,430	690	251,084	2.78	359
June 30, 1892	11,776	2,118	13,894	27	6	2	1	36	7,777,570	660	222,216	2.90	336
June 30, 1893	14,204	1,086	15,290	54	8	5	5	72	9,758,054	686	145,642	4.71	212
June 30, 1894	15,682	1,902	17,584	49	6	....	4	59	9,428,065	601	171,419	3.50	285
June 30, 1895	16,692	1,896	18,588	51	12	12	8	83	9,874,099	591	124,988	4.73	221
June 30, 1896	20,257	1,814	22,071	48	8	1	8	65	11,937,468	589	205,818	2.86	349
June 30, 1897	17,069	2,047	19,116	47	7	2	6	62	11,571,900	678	192,865	3.51	284
June 30, 1898	18,592	2,148	20,740	67	12	2	6	87	14,154,865	761	186,248	4.08	244
June 30, 1899	19.634	2,461	22,095	64	13	4	8	89	16,100,150	820	203,799	4.02	248
June 30, 1900	21,820	2,815	24,635	61	15	57	8	141	18,836,911	858	140,879	6.09	164
June 30, 1901	25.693	3,467	29,160	76	20	29	5	130	20,115,991	782	166,247	4.70	212
June 30, 1902	27,720	4,023	31,743	79	23	7	11	120	23,179,083	836	210,718	3.96	252
June 30, 1903	30.450	5,151	35,601	96	19	32	12	159	22,733,698	743	154,651	4.82	207
June 30, 1904	36.316	5,665	41,981	95	23	12	10	140	26,814,715	738	218,006	3.38	295
June 30, 1905	39,903	5.875	45,778	105	28	39	22	194	31,323,029	785	177,972	4.41	227
June 30, 1906	40,865	6,531	47,396	99	26	114	29	268	37,223,474	910	148,894	6.11	163
June 30, 1907	44,147	7,309	51,456	139	38	159	20	356	39,860,311	903	123,026	7.24	139
June 30, 1908	48,928	7,555	56,493	158	41	382	44	625	39,187,010	801	62,699	12.24	189
June 30, 1909	50,567	11,622	62,189	137	41	124	62	364	41,513,766	821	114,048	6.72	149
June 30, 1910	54,680	9,294	63,974	215	64	10	31	320	52,723,708	964	171,738	5.61	178
June 30, 1911	57,832	9,944	67,776	184	59	27	62	332	54,033,186	929	179,710	5.17	193
June 30, 1912	56,853	10,461	67,314	207	35	106	60	409	59,581,774	1048	151,994	6.89	145
June 30, 1913	57,197	13,124	70,321	184	46	8	70	308	61,770,352	1075	214,931	5.00	186
June 30, 1914	64,931	13,110	76,143	213	62	183	83	541	65,483,088	1013	130,264	7.78	129
Totals	847,995	144,522	990,619	2,571	650	1,366	591	5,158	720,003,116	849	150,123	6.96	185

FATAL ACCIDENTS BY CAUSES IN WEST VIRGINIA, 1883 TO 1914 INCLUSIVE.

CAUSES	Year Ending December 31st.					Year Ending June 30th.																												
	1883	1884*	1885	1886	1-1-87 to 6-30-88	1889	1890	1891†	1892	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	Total	Per Cent
Fall of Roof, Coal,	17	..	16	4	27	9	21	22	27	54	49	51	48	47	67	64	61	76	79	96	95	105	99	139	158	144	215	184	207	184	213	2578	49.98
Cars	3	..	4	2	2	..	2	4	6	8	6	12	8	7	12	13	15	20	23	19	23	28	26	38	40	41	64	59	44	46	62	637	12.35
Explosions	..	..	3	39	..	..	2	5	2	5	..	12	1	2	2	4	57	29	7	32	12	39	114	159	377	129	10	27	106	14	183	1372	26.60
Other	..	..	..	3	2	4	2	5	1	5	4	8	8	6	6	8	8	5	11	12	10	22	29	20	50	50	31	62	52	61	83	571	11.07
Totals	20	..	23	48	31	13	27	36	36	72	59	83	65	62	87	89	141	130	120	159	140	194	268	356	625	364	320	332	409	308	541	5158	100.00

FATAL ACCIDENTS INSIDE AND OUTSIDE FROM 1883 TO 1902 INCLUSIVE.

INSIDE.

CAUSES	1883	1884	1885	1886	*1887-88	1889	†1890	1891	1892	Totals.	Percent-age.
Fall of Coal, Slate and Roof	17	..	16	4	27	9	21	22	27	143	67.14
Mine Cars	2	..	1	1	2	..	1	2	5	14	6.57
Explosions of Gas	..	..	3	39	..	..	..	4	1	47	22.07
Explosions of Powder, Dust, Blast	..	..	..	..	..	..	2	1	1	4	1.87
Locomotives	..	..	..	..	..	..	..	..	..	...	......
Miscellaneous	..	..	..	..	2	2	..	..	1	5	2.35
Totals	19	..	20	44	31	11	24	29	35	213	100.00

OUTSIDE.

CAUSES	1883	1884	1885	1886	*1887-88	1889	†1890	1891	1892	Totals.	Percent-age.
Cars	1	..	3	1	..	..	1	2	1	9	42.86
Locomotives	..	..	..	1	..	1	..	..	..	2	9.52
Miscellaneous	..	..	..	2	..	1	2	5	..	10	47.62
Totals	1	..	3	4	..	2	3	7	1	21	100.00

*The accidents are for 18 months from January 1, 1887, to June 30, 1888.
†Accidents reported for 2d District only.

INSIDE.

CAUSES	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	Totals.	Percent-age.
Falls of Coal, Roof and Slate	54	49	51	48	47	67	64	61	76	79	596	71.12
Mine Cars	5	4	9	4	6	6	7	11	11	13	76	9.07
Explosions of Gas	..	..	..	..	..	1	..	50	10	...	61	7.28
Explosions of Powder, Dust and Shots	5	..	15	1	2	1	4	6	19	7	60	7.16
Mules	..	..	1	..	..	..	..	...	1	...	2	.24
Mine Machines	1	..	..	..	..	..	..	...	1	...	2	.24
Motors	..	..	..	..	..	..	..	1	...	...	1	.12
Locomotives	..	..	1	..	2	1	..	2	1	...	7	.84
Miscellaneous	2	2	2	5	3	..	4	2	2	11	33	3.93
Totals	67	55	79	58	60	76	79	133	121	110	838	100.00

OUTSIDE.

CAUSES	1893	1894	1895	1896	1897	1898	1899	1900	1901	1902	Totals.	Percent-age.
Cars	5	2	3	5	2	9	6	7	9	10	58	82.86
Machinery	..	..	..	..	..	1	1	...	...	...	2	2.86
Boiler Explosions	..	..	..	..	..	..	..	1	...	...	1	1.42
Locomotives	..	..	1	..	..	..	1	...	...	...	2	2.86
Miscellaneous	..	2	..	2	..	1	2	...	...	...	7	10.00
Totals	5	4	4	7	2	11	10	8	9	10	70	100.00

FATAL ACCIDENTS INSIDE AND OUTSIDE FROM 1903 TO JUNE 30TH, 1914.

INSIDE

CAUSES.	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1911	Total	Per Ct.
Falls of Roof, Coal and Slate	96	95	105	99	139	155	144	215	184	207	184	213	1,836	48.99
Mine Cars	12	12	18	16	20	28	31	44	37	36	34	52	340	9.09
Explosions of Gas	24	3	1	4	29	2	3	1	3	18	8	....	96	2.56
Explosions of Gas and Dust	....	....	....	23	101	....	....	....	23	83	....	183	413	11.02
Explosion of Dust, Powder and Shots	8	9	38	86	17	375	120	9	1	5	6	6	680	18.14
Animals	1	....	1	1	....	2	3	....	2	....	....	2	12	.32
Mine Machines	1	....	1	1	....	2	....	....	1	3	3	4	16	.42
Motors	....	....	3	5	4	8	14	14	13	11	22	....	94	2.51
Locomotives	1	1	....	1	1	....	....	1	....	....	....	16	21	.56
Shaft Accidents	....	....	....	....	....	....	....	....	....	....	....	3	3	.008
Machinery	....	....	....	....	....	....	....	....	....	....	....	2	2	.005
Electricity	....	....	....	....	....	....	....	....	....	....	....	17	17	.45
Mine Fires	....	....	....	....	....	....	....	....	....	....	....	5	5	.13
Miscellaneous	4	3	9	14	13	27	25	23	35	29	29	2	213	5.68
Total	147	123	176	253	324	599	340	307	299	392	286	505	3,748	100.00

OUTSIDE.

CAUSES.	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	Total	Per Ct.
Mine Cars	7	11	10	10	18	12	12	4	22	8	12	10	136	51.50
Machinery	....	1	....	1	....	2	1	1	3	3	3	1	16	6.05
Locomotives	2	1	....	....	1	1	....	1	....	1	3	*1	11	4.12
Electricity	....	....	....	....	....	....	....	....	....	....	2	3	3	1.14
Explosives	....	....	....	....	....	....	....	....	....	....	....	3	3	1.14
Incline	....	....	....	....	....	....	....	....	....	....	....	3	3	1.14
Tipple	....	....	....	....	....	....	....	....	....	....	....	5	5	1.90
R. R. Cars	....	....	....	....	....	....	....	....	....	....	2	7	7	2.64
Coke Yard	....	....	....	....	....	....	....	....	....	....	....	1	1	0.37
Miscellaneous	3	1	8	7	13	11	11	7	8	5	....	2	79	30.00
Total	12	17	18	18	32	26	24	13	33	17	22	36	264	100.00

TABLE SHOWING NUMBER OF PERSONS KILLED INSIDE, PER 1,000 INSIDE EMPLOYEES IN COAL MINES IN THE STATES OF PENNSYLVANIA, ILLINOIS, OHIO AND WEST VIRGINIA, FOR THE YEAR 1913.

STATES.	Total Number of Inside Employees	Total Number of Inside Fatal Accidents	No. of Lives Lost Per 1000 Inside Employees
Pennsylvania-Anthracite	128,667	557	4.33
Pennsylvania-Bituminous	156,274	561	3.59
Illinois	70,497	170	2.41
Ohio	43,478	152	2.09
West Virginia	57,197	286	5.00

YEAR 1914.

West Virginia	64,931	505	7.78

LIVES LOST INSIDE, NO. OF INSIDE EMPLOYES AND TONNAGE MINED FOR EACH LIFE LOST INSIDE FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	Number of Lives Lost Inside the Mine.	Lives Lost Inside the Mine Per 1000 Employees Inside.	Tons of Coal Produced Per Each Life Lost Inside the Mine.	Tons of Coal Produced Per Each Inside Employee.	Total Tons of Coal Produced.	Total Inside Employees.
Barbour	4	3.74	274,624	1,029	1,098,495	1,067
Boone	......	......	....	868	472,993	545
Braxton	4	17.70	66,275	1,125	265,101	226
Brooke	3	4.27	188,112	804	564,337	702
Clay	1	3.22	396,411	1,279	396,411	310
Fayette	47	4.44	184,829	822	8,686,988	10,572
Gilmer	......	......	....	893	88,369	99
Grant	1	5.75	189,746	8,927	189,746	174
Greenbrier	......	......	....	984	22,633	23
Harrison	20	4.49	254,882	1,122	5,097,644	4,453
Kanawha	13	2.03	392,983	782	5,108,783	6,404
Lewis	1	25.00	28,956	724	28,956	40
Lincoln	......	......	....	1,080	61,588	57
Logan	16	3.89	333,372	1,296	5,333,943	4,113
Marion	22	4.55	265,003	1,206	5,830,070	4,833
Marshall	5	5.58	188,885	1,038	929,425	895
Mason	......	......	....	537	123,630	230
McDowell	103	7.82	136,458	1,068	14,055,157	13,155
Mercer	10	3.73	285,050	1,065	2,850,499	2,678
Mineral	......	......	....	823	688,172	836
Mingo	17	7.20	147,680	1,063	2,510,568	2,361
Monongalia	2	5.81	200,023	1,163	400,046	344
Nicholas	......	......	....	704	96,440	137
Ohio	5	9.43	96,569	911	482,844	530
Preston	5	4.09	256,236	1,049	1,281,181	1,222
Putnam	2	2.06	277,462	573	554,923	968
Raleigh	212	44.38	23,897	3,661	5,066,221	4,776
Randolph	1	1.68	737,718	1,240	737,718	595
Taylor	4	3.83	267,193	1,023	1,068,772	1,045
Tucker	6	4.52	199,852	906	1,199,113	1,325
Upshur	......	......	....	975	97,473	100
Wayne	......	......	....	776	55,060	71
Wyoming	1	23.26	39,789	925	39,789	43
Total	505	7.78	10.756	1,008	65,483,088	64,931
Small Mines	......	......	....	......	300,000	......
Grand Totals	......	......	....	......	65,783.088	......

TABLE SHOWING THE NUMBER KILLED INSIDE THE MINES BY FALLS PER EACH 1,000 PERSONS EMPLOYED INSIDE OF THE MINES IN THE STATES OF OHIO, ILLINOIS, PENNSYLVANIA, AND WEST VIRGINIA, FROM 1897 TO 1914, INCLUSIVE.

YEARS	RATIO KILLED BY FALLS OF COAL, SLATE AND ROOF PER 1000 INSIDE EMPLOYEES.				
			Pennsylvania		
	Ohio	Illinois	Bituminous	Anthracite	West Virginia
1897	1.07	1.52	1.50	2.13	2.75
1898	1.47	1.36	1.92	2.04	3.60
1899	1.52	1.54	2.28	2.45	3.26
1900	1.52	1.44	1.79	1.86	2.79
1901	1.43	1.43	1.95	2.29	2.95
1902	1.59	1.42	2.02	1.18	2.90
1903	2.13	1.65	1.92	2.05	3.15
1904	2.26	1.32	1.83	2.16	2.61
1905	1.98	1.49	2.19	2.53	2.62
1906	1.91	1.49	2.15	1.86	2.42
1907	2.25	1.23	2.04	2.37	3.15
1908	1.43	1.41	1.71	2.28	3.16
1909	1.64	1.27	1.91	2.06	2.84
1910	2.35	.95	1.83	2.09	3.93
1911	2.77	1.13	2.02	2.00	3.18
1912	2.35	1.21	1.67	1.92	3.64
1913	2.09	1.17	2.02	2.03	3.22
Averages	....	....	....	....	3.07
Average 1914	....	....	....	....	7.78

DETAILS OF LIVES LOST PER TON OF PRODUCTION.

Number of Mines where fatal accidents occurred, Inside and Outside.....	222
Number of lives lost	541
Number of mines where fatal accidents occurred inside..............	199
Number of lives lost outside	36
No. of men employed inside mines, where fatal accidents occurred inside	37,465
Number of tons of coal produced where fatal accidents occurred inside..	33,181,378
Tons of coal produced per each life lost where fatal accidents occurred inside	6,576
Tons of coal produced per each life lost in state, all mines and tonnage included	121,595

TABLE SHOWING THE NATIONALITIES OF PERSONS KILLED, AND CAUSES OF FATAL ACCIDENTS AT THE MINES FOR THE YEARS 1913 AND 1914.

	1913.																		
	CAUSES																		
	INSIDE												OUTSIDE						
Nationalities.	Falls of Roof and Coal.	Mine Cars.	Gas Explosions.	Explosions of Gas and Dust.	Explosion of Dynamite & Shots	Electricity.	Mining Machine.	Pumps.	Motors.	Shaft and Cage Accidents.	Miscellaneous.	Inside Total.	Machinery.	Electricity.	Mine Cars.	Motors.	Railroad Cars.	Outside Total.	Total Number Killed Outside and Inside.
American	62	15	4	..	2	9	..	1	9	2	..	104	2	2	5	3	1	13	117
Austrian	3	2	..	..	..	1	..	..	..	..	..	6	..	..	..	..	..	..	6
Bulgarian	...	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	1
Croatian	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
English	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
German	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Granish	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Greek	4	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	..	..	4
Horwat	1	..	..	..	..	2	..	..	1	..	..	4	..	..	..	..	..	..	4
Hungarian	16	..	..	..	..	..	..	..	1	..	..	17	1	..	1	..	..	2	19
Irish	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Italian	23	5	..	..	1	1	..	..	2	..	2	34	..	..	1	..	..	1	35
Lithuanian	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	2
Litvitch	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Montenegrin	...	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	...
Negro	38	8	..	..	2	6	1	..	6	1	..	62	..	..	2	..	..	2	64
Polish	9	..	2	..	..	1	..	..	1	..	..	13	..	..	1	..	..	1	14
Roumanian	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Russian	10	2	2	..	..	..	..	..	1	1	..	16	..	..	..	..	..	..	16
Scotch	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1
Servian	..	..	..	..	..	..	..	..	..	..	..	...	..	..	1	..	..	1	1
Slavish	5	..	..	..	..	1	1	..	1	..	..	8	..	..	1	..	..	1	9
Spanish	1	2	..	..	1	..	..	..	..	..	..	4	..	..	..	..	..	..	4
Syrian	...	..	..	..	..	..	..	..	..	..	..	...	..	..	..	..	1	1	1
Unknown	...	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	1
Total........	184	34	8	0	6	22	3	1	22	4	2	286	3	2	12	3	2	22	308

TABLE SHOWING THE NATIONALITIES OF PERSONS KILLED AND CAUSES OF FATAL ACCIDENTS AT THE MINES FOR THE YEARS 1913 AND 1914.

1914.

	CAUSES																			
	INSIDE												OUTSIDE							
Nationality	Falls of Roof and Coal	Mine Cars	Explosion of Gas & Dust	Explosion of Powder, Dynamite & Shots	Electricity	Motors	Shaft & Cage Accidents	Mining Machines	Animals	Pumps	Mine Fire	Inside Total	Mine Cars	Electricity	Machinery	Motors	Railroad Cars	Incline	Outside Total	Total Number Killed Inside and Outside
American	75	15	59	..	6	8	..	..	..	1	5	169	11	1	2	..	3	2	19	188
Austrian	7	5	...	..	..	..	..	..	..	..	..	12	..	..	..	1	..	..	1	13
Bohemian	...	..	...	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...
Bulgarian	1	..	...	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Croatian	2	..	...	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
English	10	..	7	..	..	..	..	..	..	..	..	17	..	..	..	..	..	..	..	17
French	...	..	...	..	..	..	..	..	..	..	..	...	..	..	..	..	..	..	..	...
German	3	..	3	..	..	..	..	..	..	..	..	6	..	..	..	..	..	..	..	6
Granish	1	..	...	..	1	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Greek	2	..	...	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Horwat	...	..	...	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	1
Hungarian	13	3	3	2	1	..	..	..	..	..	..	22	1	..	..	..	..	..	1	23
Irish	1	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Italian	41	8	22	3	..	3	..	..	..	..	..	77	1	1	1	..	3	1	7	84
Lithuanian	1	1	12	..	..	..	..	..	..	..	..	14	..	..	..	..	..	..	..	14
Litvitch	...	1	2	..	..	..	..	1	..	..	..	4	..	..	..	..	..	..	..	4
Montenegrin	...	1	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Negro	13	20	39	2	2	3	..	2	..	..	..	81	5	1	..	..	..	..	6	87
Polish	16	2	22	..	2	..	..	..	1	..	..	43	..	..	..	..	1	..	1	44
Roumanian	4	..	...	..	..	..	..	..	..	..	..	4	..	..	..	..	1	..	1	5
Russian	5	6	9	..	1	..	..	1	..	..	..	22	..	..	..	..	..	..	..	22
Scotch	1	..	...	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Servian	1	..	1	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Slavish	13	1	...	..	..	1	..	..	1	..	..	16	..	..	..	..	..	..	..	16
Spanish	...	..	...	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1
Unknown	...	..	2	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	2
Total.......	210	63	183	7	13	16	1	4	2	1	5	505	18	3	3	1	8	3	36	541

NATIONALITIES OF PERSONS KILLED AND INJURED, YEAR ENDING JUNE 30TH, 1914.

NATIONALITY	Killed	Injured	Total Killed and Injured
American	190	387	577
Austrian	14	23	37
Bohemian	0	1	1
Bulgarian	1	1	2
Croatian	2	3	5
English	17	7	24
French	0	2	2
German	6	8	14
Granish	2	2	4
Greek	2	8	10
Horwat	1	2	3
Hungarian	23	24	47
Irish	2	2	4
Italian	84	136	220
Lithuanian	14	4	18
Litvitch	2	4	6
Montenegrin	2	0	2
Negro	87	136	223
Polish	44	49	93
Roumanian	5	6	11
Russian	22	31	53
Scotch	1	1	2
Servian	2	...	2
Slavish	15	25	40
Spanish	1	5	6
Swedish	0	1	1
Syrian	0	1	1
Turkish	0	1	1
Unknown	2	0	2
Total	541	870	1,411

AGES OF PERSONS KILLED AND INJURED DURING YEAR ENDING JUNE 30TH, 1914.

AGES	FATAL	NON-FATAL	TOTAL
14 years or older	5	4	9
15 years or older	2	10	12
16 years or older	13	15	28
17 years or older	15	27	42
18 years or older	12	29	41
19 years or older	21	32	53
20 to 25 years inclusive	122	229	351
26 to 30 years inclusive	130	167	297
31 to 35 years inclusive	84	129	213
36 to 40 years inclusive	60	98	158
41 to 45 years inclusive	35	54	89
46 to 50 years inclusive	16	34	50
51 to 55 years inclusive	9	20	29
56 to 60 years inclusive	8	13	21
61 to 65 years inclusive	4	4	8
66 to 70 years inclusive	0	3	3
Unknown	5	2	7
Total	541	870	1,411

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA MINES 1901-1905 INCLUSIVE.

LENGTH OF EXPERIENCE.	1901			1902			1903			1904			1905		
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals
3 months or less	18	30	48	19	25	44	26	44	70	15	28	43	26	34	60
Over 3 months and including 6 months	6	13	19	9	8	17	5	21	26	8	15	23	8	18	26
Over 6 months and including 12 months	13	20	33	13	30	43	21	31	52	15	25	40	11	26	37
2 years	6	13	19	9	26	40	15	15	30	14	33	47	28	31	59
3 years	4	6	10	6	12	18	4	14	18	8	14	22	25	19	41
4 years	4	7	11	8	10	18	8	8	16	6	9	15	12	10	22
5 years	2	9	11	6	10	16	12	15	27	9	13	22	12	14	26
6 years	3	10	13	2	6	8	3	3	6	3	6	9	9	9	18
7 years	2	2	4	1	6	7	2	5	7	3	3	6	4	2	6
8 years	4	5	9	3	4	7	6	4	10	1	5	6	2	7	9
9 years	...	3	3	1	4	5	2	1	3	1	2	3	2	.....	2
10 years	6	1	7	7	20	27	5	9	14	2	4	6	11	9	23
Over 10 years and including 15 years	7	8	15	5	5	10	10	5	15	5	6	11	10	8	18
Over 15 years and including 20 years	3	8	11	2	5	7	5	4	9	3	12	15	6	8	14
Over 20 years and including 25 years	...	1	1	2	...	2	.....	2	2	3	3	6	4	7	11
Over 25 years and including 30 years	1	2	3	1	1	2	.....	2	2	2	.....	2	2	2	4
Over 30 years and including 35 years	...	...	...	1	1	2	.....	.....	.....	.....	.....	.....	2	1	3
Over 35 years and including 40 years	1	...	1	...	5	5	.....	1	1	1	.....	1	.....	.....	.....
Over 40 years and including 45 years	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Over 45 years and including 50 years	...	1	1	...	...	.....	.....	.....	.....	2	.....	2	.....	.....	.....
Several years	6	5	11	2	5	7	10	11	21	8	6	14	.....	11	11
Many years	...	2	2	2	6	8	1	3	4	.....	.....	.....	1	2	3
Always	3	3	6	...	2	2	1	3	4	4	2	6	.....	1	1
Unknown	39	28	67	16	48	64	23	22	45	27	25	52	16	31	47
Totals	130	180	310	120	238	359	159	223	382	140	211	351	194	250	444

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA MINES 1901 TO 1914 INCLUSIVE.

LENGTH OF EXPERIENCE.	1906			1907			1908			1909			1910		
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals
3 months or less	24	27	51	20	48	68	33	91	124	22	63	85	15	32	47
Over 3 months and including 6 months	9	20	29	16	22	38	54	45	99	14	43	57	14	23	37
Over 6 months and including 12 months	20	36	56	23	63	86	108	106	214	35	108	143	10	51	61
2 years	35	24	59	20	55	75	68	70	138	56	161	217	36	104	140
3 years	26	32	58	17	39	56	47	54	101	36	88	124	23	58	81
4 years	16	19	35	14	34	48	37	36	73	15	44	59	20	47	67
5 years	14	17	31	14	20	34	66	46	112	26	60	86	20	53	73
6 years	11	6	17	12	19	31	40	27	67	14	34	48	15	37	52
7 years	3	4	7	3	9	12	9	12	21	12	23	35	8	17	25
8 years	11	8	19	1	8	9	38	27	65	9	23	32	7	24	31
9 years	1	2	3	1	1	2	3	4	7	5	13	18	2	10	12
10 years	10	13	23	14	11	25	32	35	67	17	49	66	16	49	65
Over 10 years and including 15 years	11	8	19	7	17	24	19	40	59	27	54	81	22	60	82
Over 15 years and including 20 years	7	9	16	10	9	19	10	19	29	13	38	51	23	39	62
Over 20 years and including 25 years	2	4	6	4	6	10	1	8	9	6	15	21	4	18	22
Over 25 years and including 30 years	...	2	2	2	3	5	.....	7	7	4	5	9	10	9	19
Over 30 years and including 35 years	1	...	1	...	2	2	.....	4	4	.....	.....	.....	1	1	2
Over 35 years and including 40 years	2	1	3	3	1	4	1	1	2	2	3	5	2	1	3
Over 40 years and including 45 years	...	1	1	...	...	....	.....	.....	.....	.....	2	2	.....	.....	.....
Over 45 years and including 50 years	...	...	...	...	1	1	.....	.....	.....	.....	.....	.....	.....	2	2
Several years	12	10	22	...	15	15	11	33	44	.....	.....	.....	.....	.....	.....
Many years	3	2	5	1	3	4	4	11	15	.....	1	1	.....	.....	.....
Always	...	2	2	...	...	....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Unknown	50	52	102	174	62	236	44	166	210	51	205	256	72	307	379
Totals	268	299	567	356	448	804	625	842	1,467	364	1,032	1,396	320	942	1,262

TERMS OF EXPERIENCE OF PERSONS KILLED AND INJURED AT THE WEST VIRGINIA MINES 1911-1914 INCLUSIVE.

LENGTH OF EXPERIENCE.	1911			1912			1913			1914			Sum Total
	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	Fatal	Non-Fatal	Totals	
3 months or less	18	53	71	23	43	66	14	33	47	9	61	70	891
Over 3 months and including 6 months	2	.....	2	9	34	43	8	13	21	14	32	46	483
Over 6 months and including 12 months	13	114	127	4	109	113	31	37	68	22	67	89	1,162
2 years	26	74	100	47	113	160	29	50	79	41	72	113	1,281
3 years	30	77	107	50	74	124	29	54	83	32	53	85	931
4 years	22	57	79	49	60	109	14	24	38	22	44	66	656
5 years	36	49	85	35	114	149	29	51	80	15	65	80	832
6 years	26	42	68	34	34	68	9	28	37	19	31	50	492
7 years	9	17	26	22	32	54	7	21	28	12	33	45	283
8 years	6	20	26	14	27	41	13	18	31	10	27	37	332
9 years	7	13	20	12	15	27	3	9	12	6	11	17	128
10 years	29	51	80	8	64	72	17	47	64	13	39	52	591
Over 10 years and including 15 years	13	52	65	77	50	127	21	58	79	22	60	82	687
Over 15 years and including 20 years	29	.....	29	8	44	52	15	28	43	21	38	59	416
Over 20 years and including 25 years	.....	33	33	11	11	22	8	10	18	5	16	21	184
Over 25 years and including 30 years	.....	18	27	3	5	8	5	8	13	5	13	18	121
Over 30 years and including 35 years	.....	11	11	2	2	4	4	2	6	2	5	7	42
Over 35 years and including 40 years	4	8	12	1	3	4	.....	3	3	1	1	2	46
Over 40 years and including 45 years	.....	.....	.....	....	1	1	.....	1	1	0	1	1	6
Over 45 years and including 50 years	.....	.....	.....	....	.....	.....	1	.....	1	0	1	1	8
Several years	10	.....	10	....	.....	.....	.....	.....	.....	15	31	46	201
Many years	10	.....	10	....	.....	.....	.....	.....	.....	9	8	17	69
Always	.....	.....	.....	....	.....	.....	.....	.....	.....	0	0	0	27
Unknown	33	130	163	....	5	5	51	173	221	246	161	407	2,257
Totals	332	819	1,151	409	840	1,249	308	668	976	541	870	1,111	12,129

TABLE SHOWING THE CAUSES OF FATAL AND NON-FATAL ACCIDENTS. AND THE NUMBER AND PERCENTAGE BY EACH CAUSE FOR THE YEAR ENDING JUNE 30TH, 1914.

CAUSES	FATAL	NON-FATAL	TOTAL	PER-CENTAGE
Falls of Roof and Coal.......	213	392	605	42.80
Mine Cars (Inside)...........	52	237	289	20.48
Mine Cars (Outside)	10	17	27	1.91
Electricity	20	0	20	1.41
Electric Locomotive..........	17	34	51	3.61
Shafts & Mine Cages.........	3	1	4	.28
Explosives	9	63	72	5.10
Animals	2	5	7	.49
Railroad Cars	7	2	9	.63
Mining Machines	4	26	30	2.25
Miscellaneous (Inside)	192	50	242	17.15
Miscellaneous (Outside)	12	43	55	3.89
Totals....................	541	870	1,411	100.00

TABLE SHOWING THE NUMBER OF FATAL AND NON-FATAL ACCIDENTS, INSIDE AND OUTSIDE, AND NUMBER OF PERSONS KILLED AND INJURED, 1914.

FATAL ACCIDENTS

	Number of Accidents	Number of Persons Killed
Inside	311	505
Outside	35	36
Total....................................	346	541

NON-FATAL ACCIDENTS.

	Number of Accidents	Number of Persons Injured
Inside	782	797
Outside	70	73
Total	852	870

LIST OF ACCIDENTS IN WHICH MORE THAN ONE PERSONS WERE KILLED, 1914.

COUNTY	Name of Mine	Date of Accident.	Number of Persons Killed	Causes
Fayette	Boomer	March 13, 1914	2	Fall of Slate.
Fayette	Blume	June 8, 1914	2	Fell off Trestle.
Harrison	Corona	December 9, 1913	2	Fall of Coal.
Harrison	Hutchinson	July 28, 1914	2	Fall of Slate.
Logan	U. S. Coal & Oil Co.	June 16, 1914	3	Fall of Slate.
Marion	Consolidation	June 6, 1914	2	Fall of Slate.
McDowell	Norfolk-Poca. Cons. Coll's Co., Inc.	February 18, 1914.	2	Fall of Slate.
Mercer	Spring-Solvay Coll's Co.	September 29, 1914	2	Fall of Slate.
Mingo	Cinderella-Sycamore Coal Co.	June 30, 1914	5	Mine Fire.
Raleigh	Eccles 5 & 6—New River Coll's Co.	April 28, 1914	183	Exp. of gas & dust.
		Total	205	

FATAL AND NON-FATAL ACCIDENTS TABULATED ACCORDING TO DISTRICTS IN WHICH THEY OCCURRED, 1914.

DISTRICT	Fatal	Non-Fatal	Total
First	37	92	129
Second	22	47	69
Third	19	45	64
Fourth	8	45	53
Fifth	16	84	100
Sixth	19	42	61
Seventh	14	60	74
Eighth	36	102	138
Ninth	208	91	299
Tenth	56	97	153
Eleventh	56	87	143
Twelfth	50	78	128
Totals	541	870	1,411

THE FOLLOWING TABLE SHOWS THE NUMBER OF PERSONS EMPLOYED IN AND AROUND THE MINES AND COKE OVENS OF THIS STATE BY YEARS, FROM 1900 TO THE FISCAL YEAR ENDING JUNE 30TH, 1914, INCLUSIVE.

1900	28,017
1901	32,386
1902	35,147
1903	39,452
1904	45,492
1905	49,950
1906	51,769
1907	56,265
1908	60,397
1909	62,189
1910	68,135
1911	70,644
1912	69,611
1913	70,321
1914	78,041

"RELATION OF THE USE OF POWDER TO MINE ACCIDENTS"
STATEMENT OF POWDER ACCIDENTS.

WEST VIRGINIA, 1897-1914.

YEARS	TONS	Total Killed and Injured.	Total Killed and Injured Powder Accidents.	Per Cent. Killed and Injured by Powder Accidents, of Total Killed and Injured.	Tons Per Powder Accidents.
1897-1900	62,837,138	1,039	34	3.27	1,847,857
1901-1904	93,373,487	1,402	144	10.27	648,427
1905-1908	148,088,875	3,282	773	23.55	191,577
1909	41,513,766	1,396	46	3.29	902,473
1910	52,723,708	1,262	57	4.52	924,977
1911	54,033,186	1,151	34	2.95	1,589,211
1912	59,581,774	1,249	28	2.24	2,127,920
1913	61,770,352	976	31	3.18	1,992,592
1914	65,783,088	1,411	45	3.19	4,336,023

ILLINOIS.

1888-1892	69,614,489	1,678	119	7.09	584,995
1893-1897	94,658,388	3,081	233	7.56	406,259
1898-1902	123,844,292	2,925	219	7.48	565,499
1903-1907	193,332,873	3,334	384	11.48	508,679
1908	42,845,628	1,002	65	6.48	659,009
1909	49,163,710	1,107	67	6.05	733,787
1910	48,717,853	1,148	33	2.87	1,476,298
1911	50,165,099	866	8	.923	6,270,637
1912	57,514,240	980	33	3.36	1,742,855
1913	61,846,204	1,200	39	3.25	1,585,800

OHIO.

1888-1892	61,257,285	1,246	85	6.82	720,674
1893-1897	65,783,625	1,435	108	7.52	609,108
1898-1902	93,644,275	2,201	105	4.77	891,850
1903-1907	134,571,182	3,317	166	5.00	810,669
1908	26,287,800	708	27	3.81	973,622
1909	27,755,032	808	20	2.48	1,387,752
1910	34,424,951	833	23	2.76	1,496,737
1911	30,342,039	688	22	3.19	1,379,193
1912	34,444,291	726	15	2.07	2,296,286
1913	36,285,468	1,034	34	3.29	1,067,219

FATAL ACCIDENTS

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE	Name of Person Killed	Date of Injury	Date of Death	Nationality.
	BARBOUR COUNTY.					
1	Davis Coal & Coke Co.	Dartmoor No. 4	Elsworth, Roderick	10-11-13	10-29-13	American
2	Luella Coal & Coke Co.	Luella	Zebedee, Mitchell	12-17-13	12-17-13	American
3	The Consolidation Coal Co.	No. 37	Frank Docko	1- 9-14	1- 9-14	Hungarian
4	Davis Coal & Coke Co.	Dartmoor No. 4	Toney Keresvich	1-12-14	1-12-14	Austrian
	BRAXTON COUNTY.					
5	Davis Colliery Co.	Copen No. 11	Cyrus Hawkins	10-30-13	10-30-13	American
6	Davis Colliery Co.	Copen No. 11	Bert Ore	3-25-14	3-25-14	American
7	Davis Colliery Co.	Bower No. 10	Mike Baker	5-20-14	5-20-14	Croatian
8	Davis Colliery Co.	Bower No. 5	Guiseppi Logindice	6-25-14	6-25-14	Italian
	BROOKE COUNTY.					
9	La Belle Iron Works	La Belle Shaft	Nick Morvish	7-17-13	7-17-13	Servian
10	W. Va.-Pittsburgh Coal Co.	Locust Grove	Joseph Sandusky	8-12-13	8-12-13	Polish
11	W. Va.-Pittsburgh Coal Co.	La Belle No. 4	George Pecktobich	5-27-14	5-27-14	Servian
	CLAY COUNTY.					
12	Elk River Coal & Lumber Co.	Rich Run	Joe Zeilincho	5-23-14	5-23-14	Polish
	FAYETTE COUNTY.					
13	White Oak Fuel Company	Carlisle	Peter Kessler	7- 7-13	7- 7-13	Negro
14	New River & Poca. Cons. Coal Co.	Layland No. 3	Demeter Konlic	7-10-13	7-11-13	Russian
15	Solvay Collieries Co.	Keeferton	Joe Seizh	7-11-13	7-11-13	Hungarian
16	New River & Poca. Cons. Coal Co.	Minden No. 3	Frank Hollis	7-13-13	7-13-13	Hungarian
17	New River & Poca. Cons. Coal Co.	Minden No. 3	Philip Maurendena	7-13-13	7-13-13	Italian
18	New River & Poca. Cons. Coal Co.	Layland No. 1	W. J. Sorrels	7-25-13	7-25-13	Negro
19	Alaska Coal & Coke Co.	Alaska	S. M. Peters	7-26-13	7-26-13	American
20	Fort Defiance C. & C. Co.	Fort Defiance	W. C. Cashion	7-31-13	7-31-13	American
21	Sugar Creek C. & C. Co.	Sugar Creek	Frank Lewis	8- 9-13	8- 9-13	Negro
22	Star Coal & Coke Co.	Star	Fred Kinkle	8-20-13	8-20-13	German
23	Boomer Coal & Coke Co.	No. 3	Phil Walker	8-25-13	8-25-13	American
24	Glendale Colliery Co.	Buck Lick	Pat Malone	8-26-13	8-26-13	Irish
25	Scotla Coal & Coke Co.	Red Ash	Oat Baker	9- 5-13	9-19-13	Negro
26	New River & Poca. Cons. Coal Co.	Minden No. 5	J. W. Doyle	9-15-13	9-15-13	English
27	New River & Poca. Cons. Coal Co.	Layland No. 3	Vito Tullio	9-26-13	9-26-13	Italian
28	Brown Coal Company	Brown	J. C. Morgan	10- 2-13	10- 2-13	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
1	8 years	28	Miner	M	Yes	2	3	400.00	Lifting coal, strangulated hernia	No	I
2	.. ..	21	Miner	S	....	....	....	....	Fall of Slate	No	I
3	.. ..	37	Mch. Runner	M	Yes	4	5	....	Fall of Slate	No	I
4	4 years	28	Miner	S	....	....	....	400.00	Fall of Coal & Slate	No	I
5	4 years	22	Driver	S	....	....	....	400.00	Fall of Coal & Slate	No	I
6	20 years	38	Miner	S	....	....	....	500.00	Fall of Coal & Slate	No	I
7	Sev. years	33	Miner	M	Yes	1	2	400.00	Fall of Coal	No	I
8	2 months	18	Miner	S	....	....	....	400.00	Fall of Slate	No	I
9	4 years	21	Laborer	S	....	....	....	....	Fall of Slate	Yes	I
10	5 years	55	Loader	M	Yes	4	5	150.00	Fall of Slate	No	I
11	3 years	26	Loader	S	....	....	....	....	Fall of Slate	No	I
12	Unknown	28	Loader	S	....	....	....	....	Fall of coal	No	I
13	.. ..	24	Driver	M	Yes	1	2	50.00	Fall of Slate	No	I
14	4 months	27	Miner	S	....	....	....	....	Fall of Slate	No	I
15	12 years	35	Miner	S	....	....	....	50.00	Fall of Slate	No	I
16	4 years	36	Laborer	M	Yes	4	5	....	Fall of Slate	No	I
17	1 year	23	Laborer	S	....	....	....	....	Fall of Slate	No	I
18	6 years	30	Miner	M	Yes	....	1	....	Electrocuted	No	I
19	26 years	46	Mine Foreman	M	No	....	....	....	Dynamite explosion	No	O
20	13 years	37	Miner	M	Yes	4	5	....	Fall of Slate	No	I
21	10 years	27	Miner	M	Yes	4	5	100.00	Fall of Slate	No	I
22	6 years	35	Miner	M	Yes	4	5	1,000.00	Fall of Slate	No	I
23	— years	18	Tipple	S	....	....	....	....	Mine Car	No	O
24	20 years	45	Miner	S	....	....	....	....	Fall of slate	Yes	I
25	10 years	35	Stable Boss	M	Yes	3	4	50.00	Mine Car	No	I
26	30 years	46	Miner	M	Yes	1	2	50.00	Fall of Slate	No	I
27	2 years	26	Miner	M	Yes	....	1	....	Mine Car	No	I
28	18 years	35	Miner	M	Yes	3	4	....	Fall of Slate	No	I

FATAL ACCIDENTS FOR THE Y EAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of		Nationality.
				Injury	Death	
29	McKell Coal & Coke Co.	Kilsyth	Joe H. Harland	10- 2-13	10- 5-13	English
30	New River & Poca. Cons. Coal Co.	Minden No. 3	Henry Boggess	10-16-13	10-16-13	American
31	New River & Poca. Cons. Coal Co.	Layland No. 3	John Genony	10-24-13	10-24-13	Italian
32	Low Moor Iron Company of Va.	Kaymoor No. 1	Amos Howell	10-24-13	10-24-13	American
33	Low Moor Iron Company of Va.	Kaymoor No. 1	Elmer Butler	10-24-13	10-24-13	American
34	Solvay Collieries Co.	Westerly	William Fossett	11- 3-13	11- 3-13	Negro
35	New River & Poca. Cons. Coal Co.	Minden No. 1	Thomas Southern	11-11-13	12- 8-13	English
36	Rothwell Coal Co.	Dubree	J. A. French	11-19-13	11-19-13	American
37	Midvale Colliery Co.	Midvale	Wella Long	11-24-13	11-25-13	American
38	Boomer Coal & Coke Co.	No. 2 North	T. Lennox Powell	12- 5-13	12- 5-13	American
39	New River & Poca. Cons. Coal Co.	Minden No. 4	Peter Brown	12- 8-13	12- 8-13	Litvitch
40	Greenwood Coal Company	Greenwood	Marion Adkins	12-15-13	12-15-13	American
41	New River & Poca. Cons. Coal Co.	Layland No. 1	Andy Pyrek	1-15-14	1-15-14	Austrian
42	Meadow Fork Coal Co.	Meadow Fork	Louis Vysalvith	1-17-14	1-17-14	Polish
43	Loup Creek Colliery Co.	No. 2	Dorris Cobb	1-19-14	1-19-14	Negro
44	Beechwood Coal & Coke Co.	No. 1	Watkin Turner	1-22-14	1-26-14	Negro
45	White Oak Fuel Co.	Carlisle	Chas. Grant	1-26-14	1-26-14	American
46	New River & Poca. Cons. Coal Co.	Layland No. 1	Kusna Zenewitz	1-26-14	1-26-14	Russian
47	Ephraim Creek Coal & Coke Co.	Buffalo	John Sirraski	1-27-14	1-27-14	Russian
48	New River Company	Lochgelly	John Smith	1-31-14	1-31-14	Polish
49	White Oak Fuel Co.	Wingrove	John Stoken	2- 9-14	2- 9-14	Polish
50	Boomer Coal & Coke Co.	No. 2 South	Frank Crisit	3-10-14	3-10-14	Slavish
51	Boomer Coal & Coke Co.	No. 1	Walter Whitlock	3-13-14	3-23-14	American
52	Boomer Coal & Coke Co.	No. 1	J. M. Whitlock	3-13-14	3-13-14	American
53	Beechwood Coal & Coke Company	No. 1	Ewing A. Dorsey	3-31-14	3-31-14	American
54	Sewell Colliery Co.	Sugar Camp	J. W. Tully	4-23-14	4-23-14	American
55	Babcock Coal & Coke Company	Cliff Top No. 3	O. J. Neff	5- 5-14	5- 5-14	American
56	New River Company	Dunloop No. 1	Judge Crawley	5- 6-14	5- 6-14	Negro
57	McKell Coal & Coke Company	Kilsyth	Mike Demechill	5-11-14	5-11-14	Italian
58	Ephraim Creek Coal & Coke Company	Buffalo	Jake Carroll	5-12-14	5-12-14	Italian
59	Big Bend Coal Company	Big Bend	Charles Smith	5-13-14	5-13-14	Negro
60	Glendale Colliery Company	Glendale	Geo. W. Smith	6- 1-14	6- 1-14	American
61	Blume Coal & Coke Company	Blume	George Wills	6- 8-14	6- 8-14	American
62	Blume Coal & Coke Company	Blume	Sam Cook	6- 8-14	6- 8-14	Negro
63	Ephraim Creek Coal & Coke Co.	Buffalo	B. L. Waddy	6-24-14	6-24-14	Negro
64	Export Coal Company	Export	John Berry	6-24-14	6-24-14	American
65	Solvay Collieries Co.	No. 1	R. L. Lancaster	6-25-14	6-25-14	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
29	38 years..	54	Asst. M. Foreman	M	Yes	3	4	....	Fall of Slate	No	I
30	3 years..	31	Miner	M	Yes	5	6	....	Fall of Slate	No	I
31	8 years..	32	Miner	M	Yes	2	3	....	Fall of Slate	No	I
32	4 years..	18	Miner	S	....	....	....	....	Mine Car (Incline)	No	O
33	4 years..	25	Miner	S	....	....	....	Work Comp.	Mine Car (Incline)	No	O
34	10 years..	40	Miner	S	....	....	....	....	Mine Car	No	I
35	16 years..	26	Miner	M	Yes	....	1	....	Fall of Slate	No	I
36	20 years..	42	Miner	M	....	4	4	....	Fall of Slate	No	I
37	.. ..	25	Miner	M	Yes	1	2	....	Mine Car	No	I
38	.. ..	16	Coupler	S	....	....	....	....	Mine Car	No	I
39	12 years..	33	Mch. Runner	M	Yes	2	3	....	Mining Machine	No	I
40	11 years..	55	Timber Man	M	Yes	....	1	....	Monitor	No	O
41	.. ..	30	Miner	M	Yes	1	2	....	Electrocuted	No	I
42	.. ..	25	Miner	S	....	....	....	....	Fall of Slate	No	I
43	18 years..	45	Miner	M	Yes	....	1	50.00	Fall of Coal	No	I
44	4 years..	21	Miner	S	....	....	....	....	Fall of Slate	No	I
45	18 years..	37	Pumper	M	Yes	....	1	....	Fall of Slate	No	I
46	.. ..	39	Miner	M	Yes	4	5	....	Mine Car	No	I
47	Many years	28	Miner	M	Yes	1	2	W. Comp. 125.00	Electric Locomotive	No	I
48	15 years..	42	Miner	M	Yes	2	3	100.00	Electrocuted	No	I
49	6 years..	23	Trackman	S	....	....	....	....	Electrocuted	No	I
50	.. ..	28	Miner	M	Yes	2	3	Work Comp.	Fall of Slate	No	I
51	.. ..	19	Miner	S	....	....	....	Work Comp.	Fall of Slate	No	I
52	Many years	62	Miner	M	Yes	9	10	Work Comp.	Fall of Slate	No	I
53	Many years	35	Miner	M	Yes	5	6	Work Comp.	Fall of Slate	No	I
54	4 years..	38	Mine Foreman	M	Yes	2	3	....	Electrocuted	No	O
55	10 years..	24	Miner	M	Yes	....	1	50.00	Fall of Coal	No	I
56	9 months.	19	Brakeman	S	....	....	....	50.00	Electrocuted	No	O
57	.. ..	22	Miner	S	....	....	....	....	Fall of Slate	No	I
58	several yrs	33	Miner	S	....	....	....	75.00	Fall of Slate	No	I
59	12 years..	46	Miner	S	....	....	....	100.00	Fall of Slate	No	I
60	10 years..	33	Motor Runner	M	Yes	4	5	....	Burned by Gasoline	No	I
61	6 years..	19	Motor Runner	S	Yes	3	4	....	Falling of Trestle	Yes	O
62	20 years..	34	Miner	M	Yes	3	4	....	Falling of Trestle	Yes	O
63	many years	52	Miner	M	Yes	1	2	Work Comp.	Mine Car	No	I
64	6 years..	19	Brakeman	S	....	....	....	....	Electrocuted	No	I
65	8 years..	34	Asst. Foreman	M	Yes	2	3	....	Fall of Slate	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
66	Prudence Coal Co.	Prudence	John Hall	6-25-14	6-26-14	American
67	New River & Poca. Cons. Colly. Co.	Minden No. 5	George White	6-26-14	6-26-14	American
	GRANT COUNTY.					
68	Davis Coal & Coke Co.	Henry No. 22	Domi Carp	12- 1-13	12- 1-13	Russian
	HARRISON COUNTY.					
69	Righter Coal & Coke Co.	Righter	Nick Chance	8-27-13	8-28-13	Italian
70	Calif Coal Co.	Calif	Wm. E. Minear	9- 3-13	9- 3-13	American
71	Hutchinson Coal Co.	Hutchinson	John Bolish	11- 3-13	11- 7-13	Austrian
72	Marshall Coal Co.	Marshall	Jack Olick	11-10-13	11-10-13	Slavish
73	The Consolidation Coal Co.	No. 25	Joe Zuzo	11-18-13	11-18-13	Italian
74	Corona Coal & Coke Co.	Harold	M. W. Smith	12- 9-13	12- 9-13	American
75	Corona Coal & Coke Co.	Harold	Audria Gamvardelli	12- 9-13	12- 9-13	Italian
76	The Consolidation Coal Co.	No. 48	John W. Huffman	12-11-13	12-11-13	American
77	Vincent Coal Co.	Grasselli	Sam Billott	10-31-13	12-12-13	Italian
78	Righter Coal & Coke Co.	Righter	Powell Cottage	1- 3-14	1- 3-14	Austrian
79	Templeton Coal Company	Fowler No. 1	Charles Schmidt	1- 8-14	1- 8-14	German
80	The Consolidation Coal Co.	No. 66	Phillip Curia	2-26-14	2-26-14	Italian
81	Marshall Coal Co.	Marshall	Mike Olivaro	4- 1-14	4- 1-14	Spaniard
82	Maderia-Hill-Clark Coal Co.	Randolph	Albert Slazok	4-17-14	4-25-14	Slavish
83	Byron Coal Co.	Althea	James Centurione	5-18-14	5-18-14	Italian
84	The Consolidation Coal Co.	No. 55	Tony Greco	5-19-14	5-19-14	Italian
85	Corona Coal & Coke Co.	Harold	Peter Stupo	5-21-14	5-21-14	Italian
86	The Consolidation Coal Co.	No. 65	Geo. A. Gabbart	5-22-14	5-22-14	American
87	The Consolidation Coal Co.	No. 32	Geo. Bollovar	6- 2-14	6-17-14	Slavish
88	Hutchinson Coal Co.	No. 2	Peter Demsic	6-12-14	6-12-14	Austrian
89	Hygrade Coal Co.	Page	Frank Francis	6-30-14	6-30-14	Granish
	KANAWHA COUNTY.					
90	Sunday Creek Company	No. 104	Robert Hudnall	7-26-13	7-26-13	American
91	Cabin Creek Cons. Coal Co.	Cherokee	F. W. Bradley	10- 1-13	10- 1-13	American
92	Carbon Coal Co.	Carbon Splint	Thomas Murphy	10- 2-13	10- 3-13	Negro
93	Republic Coal Co.	No. 1	Chas. Farmia	1- 1-14	1- 2-14	Italian
94	Kelly's Creek Colliery Co.	No. 1	D. Domokos	1- 7-14	1- 7-14	Hungarian
95	Cabin Creek Cons. Coal Co.	Ruby	John Zakara	1-16-14	1-16-14	German
96	Winifrede Coal Co.	West	Harrison Morgan	1-28-14	1-28-14	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
66	6 years..	23	Driver	S	....	....	....		Locomotive	No	I
67	10 months.	20	Brakeman	S	....	....	....	50.00	Fall of Slate	No	I
68	7 years..	40	Coal Loader	M	Yes	3	4		Electrocuted	No	I
69	3 years...	40	Miner	M	Yes	3	4		Premature Explosion	No	I
70	.. ..	15	Laborer	S	....	....	....		Fall of Fire Clay	No	O
71	many years	35	Driver	S	....	....	....		Fall of Slate	No	I
72	15 years..	30	Brakeman	S	....	....	....		Locomotive	No	I
73	.. ..	31	Miner	M	Yes	3	4		Fall of Coal	No	I
74	30 years..	62	Trackman	M	Yes	4	5		Fall of Coal	No	I
75	.. ..	34	Miner	S	....	....	....		Fall of Coal	No	I
76	.. ..	43	Miner	M	Yes	....	1		Fall of Coal	No	I
77	16 years..	35	Miner	M	Yes	7	8		Fall of Slate	No	I
78	12 years..	28	Miner	S	....	....	....		Fall of Slate	No	I
79	12 years..	39	Miner	S	....	....	....		Fall of Slate	No	I
80	8 years..	33	Loader	M	Yes	4	5		Fall of Coal	No	I
81	2 years..	25	Miner	S	....	....	....		Fall of Coal and Slate	No	I
82	6 years..	26	Driver	M	Yes	2	3		Kicked by a mule	No	I
83	6 years..	28	Driver	M	....	1	1	Work-Comp.	Mine Car	No	I
84	10 years..	38	Miner	M	Yes	2	3		Struck head on car	No	I
85	many years	37	Miner	M	Yes	4	5		Fall of top Coal	No	I
86	6 years..	34	Miner	M	Yes	2	3		Fall of top Coal	No	I
87	.. ..	35	Loader	M	?	6	6		Fall of Slate	No	I
88	7 years..	27	Timberman	M	Yes	....	1		Fall of timber and Slate	No	I
89	14 months	29	Miner	S	....	....	....		Fall of Slate	No	I
90	.. ..	48	Driver	M	Yes	8	9		Fall of Slate	No	I
91	17 years..	29	Miner	M	Yes	2	3		Fall of Slate	No	I
92	several yrs	34	Coal Loader	M	Yes	3	4		Fall of Slate	No	I
93	several yrs	22	Miner	S	....	....	....		Locomotive & Mine Car	No	I
94	3 weeks..	52	Miner	M	Yes	3	4		Mine Car	No	I
95	6 months.	61	Loader	M	Yes	2	3		Fall of Slate	No	I
96	34 years..	60	Miner	M	No	2	2		Mine Car	No	O

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
97	National-Bituminous C. & C. Co.	No. 5	Giles Furgeson	2-17-14	2-17-14	Negro
98	Kelly's Creek Colliery Co.	No. 3	W. A. Knapp	3- 2-14	3-13-14	American
99	Wyatt Coal Co.	Berlin	Geo. Turnbull	3-14-14	3-24-14	Scotch
100	Cabin Creek Cons. Coal Co.	Shamrock	Harry Savage	4-30-14	4-30-14	American
101	Cabin Creek Cons. Coal Co.	United Splint	L. Valerma	5-19-14	5-19-14	Italian
102	Cannelton Coal & Coke Co.	No. 2 North	Chas. Brookman	5-19-14	5-19-14	American
103	Wyatt Coal Co.	Horton No. 2	Chas. Bonner	6- 3-14	6- 3-14	American
104	Lewis Coal & Coke Co.	Lewis	Ernie Hemmings	6-12-14	6-12-14	American
	LEWIS COUNTY.					
105	Kroger Gas Coal Co.	Polar	Jas. Vanscoy	12- 5-13	12- 5-13	American
	LOGAN COUNTY.					
106	United States Coal & Oil Co.	No. 7	Ledo Moore	7-12-13	7-12-13	American
107	United States Coal & Oil Co.	No. 8	John Chilolas	8- 9-13	8- 9-13	Russian
108	Logan Coal Co.	Logan	Harley Lambert	8-12-13	8-12-13	American
109	H. T. Wilson Coal Co.	Wilson	Josef Stoviak	8-12-13	8-12-13	Polish
110	United States Coal & Oil Co.	No. 1	Millard Mans	10- 8-13	10- 8-13	American
111	Stone Branch Coal Co.	No. 2	H. H. Taylor	10-20-13	10-20-13	English
112	United States Coal & Oil Co.	No. 2	Tamas Domtru	12-16-13	12-16-13	Roumanian
113	United States Coal & Oil Co.	No. 7	Hazel Morris	12-28-13	12-28-13	American
114	United States Coal & Oil Co.	No. 1	Pete Luse	1- 8-14	1- 8-14	Italian
115	United States Coal & Oil Co.	No. 7	Fred Adkins	2- 3-14	2- 3-14	American
116	United States Coal & Oil Co.	No. 7	John Columbus	2-14-14	2-14-14	Hungarian
117	Sovereign Coal Co.	Sovereign	Pete Hoza	3-11-14	3-11-14	Hungarian
118	Main Island Creek Coal Co.	No. 4	Andrew Brunetta	4-29-14	4-29-14	Italian
119	United States Coal & Oil Co.	No. 8	Paul Shery	5-19-14	5-19-14	Polish
120	United States Coal & Oil Co.	No. 3	Steve Korponay	6- 8-14	6- 8-14	Hungarian
121	United States Coal & Oil Co.	No. 2	John Comsa	6-16-14	6-16-14	Roumanian
122	United States Coal & Oil Co.	No. 2	Joe Chico	6-16-14	6-16-14	Italian
123	United States Coal & Oil Co.	No. 2	John Loop	6-16-14	6-16-14	Roumanian
	MARION COUNTY.					
124	The Consolidation Coal Co.	No. 67	Thomas Vooksic	9-11-13	9-11-13	Austrian
125	The Consolidation Coal Co.	No. 67	John Munshea	9-11-13	9-11-13	Italian
126	Federal Coal & Coke Company	Federal	John Voidskey	9-19-13	9-19-13	Russian
127	Jamison Coal & Coke Co.	No. 7	Dominic Fumy	9-29-13	9-29-13	Italian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
97	.. ..	38	Miner	S	....	....	....	500.00	Fall of Slate	No	I
98	25 years..	41	Loader	M	?	?	?	....	Fall of Slate	No	I
99	3 years..	48	Miner	M	Yes	5	6	400.00	Fall of Coal	No	I
100	3 months.	16	Brakeman	S	....	....	....	Work Comp.	Locomotive	No	I
101	2 months.	31	Loader	M	Yes	2	3	Work Comp.	Fall of Slate	No	I
102	9 years..	23	Loader	S	....	....	....	....	Fall of Coal	No	I
103	several yrs	30	Mch. Cutter	M	Yes	4	5	....	Fall of Slate	No	I
104	10 years..	31	Miner	M	Yes	1	2	....	Fall of Slate	No	I
105	14 years..	28	Miner	M	Yes	1	2	....	Fall of Slate	No	I
106	.. ..	14	Trapper	S	....	....	....	....	Locomotive & Cars	No	I
107	.. ..	50	Loader	M	Yes	6	7	....	Mine Cars	No	I
108	3 years..	17	Brakeman	S	....	....	....	....	Electrocuted	No	I
109	.. ..	28	Motorman	S	....	....	....	50.00	Electrocuted	No	I
110	.. ..	50	Under Tipple	M	Yes	3	4	50.00	Railroad Car	No	O
111	25 years..	45	Miner	M	Yes	2	3	7,000.00	Fall of Slate	No	I
112	.. ..	55	Loader	M	Yes	2	3	50.00	Fall of Slate	No	I
113	.. ..	25	Pumper	M	Yes	2	3	....	Pump Machinery	No	I
114	.. ..	22	Loader	M	Yes	?	1	....	Fall of Slate	No	I
115	.. ..	35	Pit Cleaner	M	Yes	4	5	....	Fly Wheel	No	I
116	.. ..	38	Loader	M	No	1	1	....	Powder Explosion	No	O
117	.. ..	32	Miner	S	....	....	....	....	Fall of Slate	No	I
118	13 months.	25	Miner	S	....	....	....	....	Fall of Slate	No	I
119	.. ..	35	Loader	S	....	....	....	....	Premature Explosion	No	I
120	.. ..	40	Loader	M	Yes	2	3	50.00	Electrocuted	No	I
121	.. ..	48	Loader	M	?	?	?	50.00	Fall of Slate	No	I
122	.. ..	25	Loader	M	Yes	....	1	50.00	Fall of Slate	No	I
123	7 years..	31	Loader	M	Yes	2	3	50.00	Fall of Slate	No	I
124	.. ..	30	Slateman	S	....	....	....	....	Fall of Slate	No	I
125	.. ..	40	Slateman	M	Yes	5	6	....	Fall of Slate	No	I
126	2 years..	40	Loader	M	Yes	3	4	....	Mine Car	No	I
127	4 years..	23	Driver	M	Yes	3	4	....	Mine Car	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
128	The Consolidation Coal Co.	No. 63	Mike Raymond	10-22-13	10-22-13	Italian
129	Federal Coal & Coke Co.	Federal	John Krovich	10-28-13	10-28-13	Horwat
130	Jamison Coal & Coke Co.	No. 7	Steve Persha	11- 1-13	11- 1-13	Russian
131	The Consolidation Coal Co.	No. 22-53	Walter Grove	11-10-13	11-11-13	American
132	New Central Coal Co.	Stafford	Andy Vargo	12- 6-13	12-10-13	Hungarian
133	Federal Coal & Coke Co.	Federal	Earle Ford	12-29-13	12-29-13	American
134	Jamison Coal & Coke Co.	No. 9	J. W. Thomas	1-22-14	1-22-14	Negro
135	Federal Coal & Coke Co.	Federal	Hoge Kazee	2- 6-14	2- 6-14	American
136	The Consolidation Coal Co.	No. 43	Luther M. Perry	2-25-14	3- 7-14	American
137	The Consolidation Coal Co.	No. 22	Earl Hinerman	3-14-14	3-14-14	American
138	Federal Coal & Coke Co.	Federal	Tony Detrot	3-18-14	3-18-14	Italian
139	The Consolidation Coal Co.	No. 24	Chas. Pallagi	3-23-14	3-23-14	Hungarian
140	Jamison Coal & Coke Co.	No. 8	Pete Skirtle	3-23-14	3-23-14	Austrian
141	Federal Coal & Coke Co.	Federal	D. A. Haywood	3-30-14	3-30-14	Negro
142	The Consolidation Coal Co.	No. 56	Frank Lazza	4- 6-14	4-10-14	Italian
143	Jamison Coal & Coke Co.	No. 7	Andre Zahabill	4-30-14	5- 2-14	Russian
144	Jamison Coal & Coke Co.	No. 8	Steve Shufranski	5-19-14	5-19-14	Austrian
145	The Consolidation Coal Co.	No. 38	Felix Russo	5-29-14	5-29-14	Italian
146	146 Jamison Coal & Coke Co.	No. 8	Netsie Rabsawage	6- 6-14	6- 6-14	Russian
147	The Consolidation Coal Co.	No. 43	Mark Smizek	6- 6-14	6- 6-14	Polish
	MARSHALL COUNTY.					
148	Hitchman Coal & Coke Co.	Hitchman	Matt Jaster	7- 1-13	7- 1-13	Slavish
149	Wheeling Steel & Iron Co.	Benwood	Jas. Cook	10-13-13	10-13-13	English
150	Hitchman Coal & Coke Co.	Hitchman	Jake Wysosky	11-19-13	11-19-13	Polish
151	Hitchman Coal & Coke Co.	Hitchman	John Barkola	2- 6-14	2- 7-14	Polish
152	Hitchman Coal & Coke Co.	Hitchman	Frank Orvanek	3-27-14	3-28-14	Polish
	McDOWELL COUNTY.					
153	Houston Coal & Coke Co.	No. 2	John Leidt	7- 3-13	7- 3-13	Italian
154	Houston Coal & Coke Co.	No. 2	Sam Frustarch	7- 3-13	7- 3-13	Italian
155	New River & Poca Cons. Coal Co.	No. 1	John Sharp	7- 7-13	7- 7-13	American
156	New River & Poca Cons. C. Co.	No. 1	Joe Robinson	7- 7-13	7- 7-13	American
157	King Coal Company	King	Alex. London	7-15-13	7-15-13	English
158	King Coal Company	King	John J. Waller	7-15-13	7-15-13	American
159	Roanoke Coal & Coke Co.	Roanoke	Pete Pistol	7-17-13	7-17-13	Italian
160	Carter Coal Company	Nora	Clem Hughes	7-17-13	7-17-13	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
128	5 years..	19	Brakeman	S	....	....	....	....	Fall of Slate	No	I
129	.. ..	32	Miner	M	Yes	?	1	....	Fell Down Shaft	No	I
130	3 months.	38	Miner	M	Yes	5	6	175.00	Fall of Slate	No	I
131	12 years..	26	Tippleman	S	....	....	....	....	Fell off Tipple	No	O
132	7 years..	40	Loader	M	?	1	1	....	Mine Cars	No	I
133	1 year...	18	Brakeman	S	....	....	....	....	Blown Through Shot	No	I
134	.. ..	..	Machine man	......	....	....	....	....	Fall of Slate	No	I
135	9 years..	21	Motorman	M	Yes	....	1	....	Collision	No	I
136	.. ..	29	Driver	S	....	....	....	....	Fall of Slate	No	I
137	9 years..	24	Brakeman	S	....	....	....	....	Mine Car	No	I
138	10 years..	28	Yard Foreman	S	....	....	....	....	B. & O. Car	No	O
139	.. ..	30	Miner	M	Yes	3	4	....	Fall of Slate	No	I
140	.. ..	19	Driver	S	....	....	....	....	Mine Car	No	I
141	.. ..	27	Brakeman	S	....	....	....	....	Mine Car	No	I
142	.. ..	25	Loader	S	....	....	....	....	Mine Car	No	I
143	1 month..	32	Loader	M	Yes	3	4	175.00	Mine Car	No	I
149	1 year...	42	Miner	M	Yes	1	2	....	Fall of Slate	No	I
145	16 years..	36	Miner	M	Yes	3	4	....	Fall of Coal & Slate	No	I
146	1 year...	30	Loader	M	Yes	1	2	....	Mine Car	No	I
147	1 year...	27	Miner	S	....	....	....	....	Fall of Coal & Slate	No	I
148	4 years..	35	Loader	M	Yes	3	4	....	Fall of Slate	Yes	I
149	many years	60	Miner	M	Yes	7	8	....	Fall of Slate	No	I
150	3 years..	46	Loader	......	....	....	....	....	Fall of Slate	No	I
151	3 years..	27	Driver	S	....	....	....	....	Mine Car	No	I
152	3 years..	38	Loader	S	....	....	....	....	Fall of Slate	No	I
153	3 years..	35	Miner	M	Yes	3	4	....	Fall of Slate	No	I
154	6 months.	30	Miner	S	....	....	....	....	Fall of Slate	No	I
155	12 years..	28	Miner	S	....	....	....	....	Fall of Slate	No	I
156	20 years..	40	Miner	S	....	....	....	....	Fall of Slate	No	I
157	33 years..	51	M. Foreman	M	Yes	1	1	....	Fall of Slate	No	I
158	10 years..	43	Slate Boss	M	Yes	5	6	....	Fall of Slate	No	I
159	3 years..	25	Miner	S	....	....	....	50.00	Fall of Slate	No	I
160	9 years..	20	Motorman	S	....	....	....	50.00	Locomotive & Roof	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
161	Carter Coal Company	No. 1	Ernest Rice	7-25-13	7-25-13	American
162	Pocahontas Cons. Colly. Co., Inc.	Norfolk	Joe Heymosh	7-28-13	7-28-13	Hungarian
163	Pocahontas Cons. Colly Co., Inc.	Angle	B. F. Moore	8- 1-13	8- 1-13	American
164	Carter Coal Company	Nora	Henry Woods	8-10-13	8-12-13	Negro
165	Page Coal & Coke Co.	No. 1	Lewis Edverson	8-11-13	8-11-13	Negro
166	Keystone Coal & Coke Co.	No. 2	Clarence Broyles	8-18-13	8-18-13	American
167	Solvay Collieries Co.	Big Sandy	J. S. Perkins	8-18-13	8-18-13	American
168	Cirrus Coal & Coke Co.	No. 2	Frank Turner	8-22-13	8-22-13	American
169	Peerless Coal & Coke Co.	No. 2	Claude Jackson	8-23-13	8-23-13	American
170	Bottom Creek Coal & Coke Co.	No. 3	Leroy Cobbs	8-27-13	8-27-13	Negro
171	Carter Coal Company	No. 6	Mack Kelly	8-28-13	8-28-13	American
172	Elk Ridge Coal & Coke Company	Elkridge No. 2	Mike Arco	8-29-13	8-29-13	Italian
173	Bottom Creek Coal & Coke Co.	No. 2	Wm. C. Mooney	9- 1-13	9- 1-13	American
174	Pocahontas Cons. Collieries Co., Inc.	Rolfe	John Pannel	9- 2-13	9- 2-13	Negro
175	Mohawk Coal & Coke Co.	Mohawk	Robert Webb	9- 6-13	9- 6-13	American
176	New River & Pocahontas Cons. C. Co.	Berwind No. 2	America Scapoli	9- 8-13	9- 8-13	Italian
177	J. B. B. Coal Co.	No. 2	Harry Caudell	9-10-13	9-10-13	American
178	Pulaski Iron Co.	No. 3	Harvey Crumpacker	9-12-13	9-12-13	American
179	Peerless Coal & Coke Co.	Peerless	Donnie Hudson	9-13-13	9-13-13	American
180	Turkey Gap Coal & Coke Co.	Turkey Gap	Mike Zolkosky	9-13-13	9-13-13	Polish
181	Pocahontas Cons. Collieries Co., Inc.	Shamokin	Frank Mango	9-17-13	9-17-13	Italian
182	J. B. B. Coal Co.	No. 3	Jessie Robertson	9-17-1.	9-17-13	American
183	Crozer Coal & Coke Co.	No. 2	Jessie Baldwin	9-20-13	9-20-13	Negro
184	Page Coal & Coke Co.	No. 1	R. G. Wade	9-30-13	9-30-13	Negro
185	Page Coal & Coke Co.	No. 1	Herbert Napier	9-30-13	9-30-13	Negro
186	Powhatan Coal & Coke Co.	East	Robert Daniel	10- 4-13	10- 4-13	Negro
187	Arlington Coal & Coke Co.	Arlington	Chas. A. Myers	10- 9-13	10- 9-13	American
188	Mohawk Coal & Coke Co.	Mohawk	Steve Vendo	10-10-13	10-10-13	Italian
189	Poca. Cons. Collieries Co., Inc.	Norfolk	Pete Norman	10-16-13	10-16-13	Negro
190	Upland Coal & Coke Co.	Upland	Rofs Turk	10-20-13	10-20-13	Italian
191	Greenbrier Coal & Coke Co.	Greenbrier	Robert A. Blevins	10-21-13	10-21-13	American
192	New River & Pocs. Cons. C. Co.	No. 6	Frank Rizzo	10-21-13	10-21-13	Italian
193	Carter Coal Company	Thelma	Harrison Moore	10-25-13	10-25-13	American
194	Peerless Coal & Coke Co.	No. 1	Felix Wadruski	10-27-13	11- 7-13	Polish
195	Keystone Coal & Coke Company	Keystone	Bruno Rumjatum	10-19-13	10-29-13	Italian
196	J. B. B. Coal Co.	No. 1	Toney Misaferi	11-10-13	11-10-13	Italian
197	The Standard-Pocahontas C. Co.	Standard	Edward Wilson	11-10-13	11-11-13	English

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
161	18 months.	17	Motorman	S				50.00	Fall of Slate	No	I
162	8 years...	32	Laborer	M					Fall of Slate	No	I
163	5 years..	28	Miner	M	Yes	3	4		Fall of Slate	No	I
164			Miner	?					Mine Car	No	O
165	2 years..	22	Miner	S					Fall of Slate	No	I
166	4 months.	11	Trapper	S				50.00	Fall of Slate	No	I
167	10 years..	38	Miner	M	Yes	2	3		Fall of Slate	No	I
168	1 year...	20	Miner	S					Fall of Slate	No	I
169	2 years..	23	Laborer	S					Electrocuted	No	I
170		19	Miner	M	Yes		1		Fall of Coal	No	I
171		18	Miner	S					Fall of Slate	No	I
172	5 years..	28	Miner	S					Fall of Slate	No	I
173	5 years..	23	Miner	M	Yes	2	3		Fall of Slate	No	I
174	17 years..	40	Miner	M	Yes				Fall of Slate	No	I
175	5 months.	14	Trapper	S					Locomotive	No	I
176	4 months.	31	Miner	M	Yes	3	4		Fall of Slate	No	I
177	10 years..	40	Miner	M	Yes	2	3		Fall of Slate	No	I
178	1 year...	18	Flagman	S				50.00	Mine Car	No	I
179	7 years..	25	Miner	S					Fall of Slate	No	I
180	20 years..	45	Miner	M	Yes	4	5	900.00	Fall of Slate	No	I
181	7 years..	25	Miner	S					Electrocuted	No	O
182	1 year...	17	Miner	S					Fall of Slate	No	I
183	2 years..	22	Brakeman	S					Fall of Slate	No	I
184		26	Slateman	M	Yes	1	2	50.00	Fall of Slate	No	I
185		20	Slateman	M	Yes	2	3		Fall of Slate	No	I
186	6 years..	25	Driver	S					Mine Cars	No	I
187	25 years..	55	Foreman	M	Yes	4	5		Fall of Slate	No	I
188	4 years..	25	Miner	S					Fall of Slate	No	I
189	3 years..	28	Driver	S					Fall of Slate	No	I
190	1 year...	19	Miner	S					Mine Car	No	I
191	10 months.	17	Brakeman	S					Mine Car	No	I
192	2 years..	26	Pumper	S					Pump Machinery	No	O
193		18	Brakeman	S				50.00	Mine Car	No	I
194		36	Miner	M	Yes	?	1		Fall of Coal	No	I
195	3 years..	23	Laborer	S				50.00	Elevator on Tipple	No	O
196	7 years..	22	Miner	S					Fall of Slate	No	I
197		32	Miner	S					Fall of Slate	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
198	Tidewater Coal & Coke Company	Tidewater	Frank Gottus	11-13-13	11-13-13	Italian
199	Pocahontas Cons. Collieries Co., Inc.	No. 6—8	M. A. Lyons	11-22-13	11-22-1	American
200	New Pocahontas Coal Co.	New Poca	Clarence Sizemore	11-24-13	11-24-13	American
201	U. S. Coal & Coke Co.	No. 5	Guisseppi Catalfano	11-24-13	11-24-13	Italian
202	U. S. Coal & Coke Co.	No. 7	John Kish	11-25-13	11-25-13	Hungarian
203	Bottom Creek Coal & Coke Co.	No. 2	Lewis Bailey	11-29-13	11-29-13	Negro
204	U. S. Coal & Coke Co.	No. 4	Joe Czenki	12- 3-13	12- 3-13	Hungarian
205	Page Coal & Coke Co.	No. 1	Frank Salvador	12-18-13	12-18-13	Italian
206	Peerless Coal & Coke Co.	Peerless	John Mazza	12-19-13	12-19-13	Russian
207	Pocahontas Cons. Collieries Co.	No. 7-1 off No. 8	Louis Baley	12-19-13	12-19-13	Negro
208	Pocahontas Cons. Collieries Co.	Delta	L. F. Bower	12-18-13	12-20-13	American
209	Pulaski Iron Company	Pulaski	Wasil Peet	12-20-13	12-20-13	Roumanian
210	Pocahontas Cons. Collieries Co.	No. 7-1	Joe Dzredziez	12-20-13	12-22-13	Polish
211	King Coal Co.	King	Albert Gray	12-27-13	12-27-13	Negro
212	Pocahontas Cons. Collieries Co.	Norfolk	Ed. Lindsey	12-27-13	12-27-13	Negro
213	Carter Coal Company	Thelma	Ernest Rutledge	1- 1-14	1- 1-14	American
214	Flat Top Coal Mining Co.	Thomas	John Welch	1- 1-14	1- 1-14	English
215	Lynchburg Coal & Coke Co.	Lynchburg	James Partell	1- 2-14	1- 4-14	Greek
216	Elkridge Coal & Coke Co.	Elk Ridge	Guisseppi Bottaglia	1- 3-14	1- 3-14	Italian
217	King Coal Company	King	Aaron Phillips	1- 9-14	1- 9-14	Negro
218	Mill Creek Coal & Coke Co.	Tug River	Thomas B. Franklin	1-12-14	1-13-14	American
219	Houston Coal & Coke Co.	No. 2	Mike Smitko	1-16-14	1-16-14	Hungarian
220	U. S. Coal & Coke Co.	No. 11	Sam Dice	1-17-14	1-17-14	Roumanian
221	Black Wolf Coal & Coke Co.	Black Wolf	James Rose	1-23-14	1-23-14	American
222	Premier-Poca. Collieries Co.	No. 3	J. N. Wilburn	1-23-14	1-23-14	American
223	New River & Pocs. Cons. C. Co.	Berwind No. 1	Sherman Adams	1-31-14	1-31-14	American
224	Carter Coal Company	Coalwood Shaft	Arthur Butler	2- 3-14	2- 3-14	Negro
225	U. S. Coal & Coke Co.	No. 2	Lorenzo Grammarasso	2- 6-14	2- 7-14	Italian
226	U. S. Coal & Coke Co.	No. 5	Zigmunt Szczepanski	2- 9-14	2-16-14	Polish
227	Pocahontas Cons. Collieries Co., Inc.	Norfolk	Vito Bellavia	2-18-14	2-18-14	Italian
228	Pocahontas Cons. Collieries Co., Inc.	Norfolk	John Gomba	2-18-14	2-18-14	Slavish
229	Pulaski Iron Company	Pulaski	Obe Dodson	2-24-14	2-25-14	Negro
230	Carter Coal Co.	No. 1	Nick Sawyer	2-24-14	2-24-14	American
231	King Coal Co.	King	J. Millimatch	2-16-14	2-26-14	Italian
232	Algoma Coal & Coke Co.	Piney	Claude Haire	2-26-14	2-26-14	American
233	Elk Ridge Coal & Coke Co.	Elk Ridge	Monroe Walker	3- 2-14	3- 2-14	Negro

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
198	1 year	20	Miner	S					Fall of Slate	No	I
199	1 year	21	Trackman	S					Mine Car	No	I
200		17	Car Trimmer	S					Railroad Car	No	O
201	5 years	35	Miner	M	Yes	2	3		Fall of Slate	No	I
202		39	Miner	M	Yes	1	2	500.00	Fall of Slate	No	I
203	1 year	17	Brakeman	S				50.00	Fall of Slate	No	I
204		37	Miner	M	Yes	1	2	1,000.00	Fall of Slate	No	I
205	10 days	22	Laborer	M	Yes	1	2		Fall of Slate	No	I
206		25	Miner	M	Yes		1		Fall of Slate	No	I
207	2 years	18	Brakeman	S				50.00	Mine Car	No	I
208	18 years	43	Asst. M. F.	M					Locomotive	No	I
209		24	Car Cleaner						R. R. Cars Under Tipple	No	O
210	1 year	20	Miner	S					Mine Cars	No	I
211	5 years	27	Trackman	M	Yes		1	50.00	Fall of Slate	No	I
212	13 years	30	Slate Picker	M	Yes	3	4		Locomotive	No	O
213	1 year	20	Miner	M	Yes		1		Electrocuted	No	I
214	25 years	40	Miner	M	Yes	2	3		Fall of Slate	No	I
215	2 years	22	Trackman	S				Work Comp.	Fall of Coal	No	I
216	4 years	38	Miner	M	Yes	3	4	50.00	Fall of Coal	No	I
217		35	Trackman	M	No.	1	1	Work Comp.	Fall of Slate	No	I
218	7 years	33	Motorman	M	Yes	5	6	Work Comp.	Fall of Coal & Slate	No	I
219	7 years	30	Miner	M	Yes	5	6		Fall of Coal	No	I
220	6 years	25	Laborer	S					Fall of Slate	No	I
221	20 years	49	Trackman	M	Yes	1	2	Work Comp.	Fall of Slate	No	I
222	several yrs	44	Trackman	M	Yes	4	5		Fall of Slate	No	I
223	9 years	20	Trackman	S					Locomotive	No	I
224			Driller	S				50.00	Fall of Rock	No	I
225	4 years	24	Greaser	S					Mine Car	No	O
226	5 years	25	Driver	S					Kicked by a Mule	No	I
227	10 years	28	Gateman	S					Fall of Slate	No	I)
228	9 years	25	Gateman	S					Fall of Slate	No	I)
229		17	Tippleman	S				50.00	Mine Car	No	O
230	6 years	36	Pumper	M	Yes	1	2		Fell Down Shaft	No	I
231	7 years	33	Miner	M	Yes	4	5	50.00	Fall of Slate	No	I
232	several yrs	34	Trackman	M	Yes	1	2		Locomotive	No	I
233	11 years	41	Miner	S					Fall of Slate	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
234	McDowell Coal & Coke Co.	McDowell	Eva Carmelo	3-12-14	3-12-14	Italian
235	Cirrus Coal & Coke Co.	No. 2	Augusto Armingo	3-14-14	3-15-14	Italian
236	Pulaski Iron Company	No. 2	Frank Bowles	3-19-14	3-19-14	Negro
237	Crozer Coal & Coke Co.	No. 1	Andy Procopochoe	3-21-14	3-21-14	Slavish
238	Poca. Cons. Collieries Co., Inc.	Cherokee	Selvia Tostum	3-31-14	3-31-14	Italian
239	Indian Ridge Coal & Coke Co.	Indian Ridge	Thomas Powell	3-31-14	4- 2-14	Italian
240	J. B. B. Coal Company	No. 2	James C. Mason	4- 6-14	4- 6-14	Negro
241	Poca. Cons. Collieries Co., Inc.	Norfolk	Tony Mike	4- 7-14	4- 7-14	Bulgarian
242	Zenith Coal & Coke Co.	No. 2	Arthur Bailey	4- 7-14	4- 7-14	American
243	Poca. Cons. Collieries Co., Inc.	No. 6-4	Marden Hostin	3-31-14	4- 9-14	Negro
244	Page Coal & Coke Co.	No. 3	Nick Harston	4- 8-14	4- 9-14	Negro
245	Pulaski Iron Co.	No. 2	Peitro Violi	3- 3-14	4 15-14	Italian
246	John's Branch Coal Co.	John's Branch	John Romax	4-16-14	4-16-14	Polish
247	Solvay Collieries Co.	Big Sandy	C. J. Lilly	4-16-14	4-17-14	American
248	Upland Coal & Coke Co.	Upland	Solomon Willis	4-21-14	4-21-14	Negro
249	Tide Water Coal & Coke Co.	Tidewater	Thomas Farmer	4-24-14	4-24-14	Negro
250	U. S. Coal & Coke Co.	No. 1	W. H. Sturtevant	4-25-14	4-25-14	American
251	Poca. Cons. Collieries Co., Inc.	Shamokin	Santino Naticehione	4-29-14	4-29-14	Italian
252	The Empire Coal & Coke Co.	Empire	Merrick Andrew	4-30-14	4-30-14	Russian
253	Kimball-Poca. Coal Company	Virginia	A. J. Crawford	5- 1-14	5- 2-14	American
254	Pocs. Cons. Collieries Co., Inc.	Norfolk	James Hester	5- 8-14	5-12-14	Negro
255	J. B. B. Coal Company	No. 4	E. W. Thompson	5-12-14	5-12-14	American
256	Davy-Pocs. Coal Company	No. 1	Richard Tambar	5-16-14	5-16-14	Hungarian
257	Algoma Coal & Coke Co.	Northfork	Wiley Norman	6- 1-14	6- 1-14	American
258	Poca. Cons. Collieries Co., Inc.	Delta	Steve Cornelius	3-24-14	6- 3-14	Russian
259	Kimball-Poca. Coal Co.	Virginia	John Scott	6- 4-14	6- 4-14	Negro
260	Crozer Coal & Coke Co.	No. 1	Joe Doushon	6- 5-14	6- 5-14	Slavish
261	J. B. B. Coal Company	No. 4	George Sexton	6- 9-14	6- 9-14	American
262	Superior-Poca. Coal Co.	Superior	Wm. Mann	6-16-13	8-18-14	American
263	Poca. Cons. Collieries Co., Inc.	Rolfe	Pete Takach	6-16-14	6-16-14	Hungarian
264	Mohawk Coal & Coke Co.	Mohawk	John Thomas	6-19-14	6-19-14	Hungarian
265	Gilliam Coal & Coke Company	Gilliam	Thomas McKlner	6-20-14	6-20-14	American
266	Poca. Cons. Collieries Co., Inc.	Angle	Sam Epperson	6-22-14	6-22-14	Negro
267	The Standard Poca. Coal Co.	Standard	C. H. Wright	6-25-14	6-25-14	Negro

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
234	1 year	16	Laborer	S					Mine Car	No	O
235	3 months.	17	Laborer	S					Fall of Slate	No	I
236		21	Slateman	S				50.00	Mine Car	No	O
237	1 year	32	Miner	M	Yes	5	6		Fall of Coal	No	I
238	3 years	40	Miner	S				50.00	Fall of Slate	No	I
239	many years	45	Miner	M	?	?	?	Work. Comp.	Fall of Slate	No	I
240		29	Miner	M	Yes		1		Fall of Slate	No	I
241	4 years	42	Miner	M	Yes	6	7		Fall of Slate	No	I
242	4 years	19	Motorman	S					Fall of Slate	No	I
243	2 years	20	Brakeman	S				50.00	Mine Car	No	I
244	8 years	61	Laborer	M	Yes		1		Mine Car	No	I
245		20	Loader	S				50.00	Mine Prop	No	I
246		37	Miner	M	Yes	3	4	50.00	Fall of Slate	Yes	I
247	15 years	39	Machine Runner	S					Machine Jack Pipe	No	I
248	many years	47	Miner	M		3	3	50.00	Fall of Coal & Slate	No	I
249		29	Miner	S					Mine Car	No	I
250		35	Carpenter	M	Yes	5	6		Fell Down Shaft	No	I
251	6 years	27	Miner	S					Fall of Slate	No	I
252		38	Miner	M	Yes	3	4	50.00	Fall of Slate	No	I
253	40 years	54	Miner	M	Yes	3	4		Fall of Slate	No	I
254	8 years	30	Miner	M	?	3	3		Fall of Slate	No	I
255	5 years	27	Miner	M	Yes		1		Fall of Slate	No	I
256		28	Machine Runner	S					Fall of Slate	No	I
257	10 years	35	Slateman	S				50.00	Fall of Slate	No	I
258	4 months.	26	Miner	S					Fall of Coal	No	I
259	6 months.	17	Loader	S					Fall of Slate	No	I
260	2 months.	57	Miner	S					Fall of Coal	No	I
261	7 months.	19	Bratticeman	M	Yes		1	75.00	Electrocuted	No	I
262	3 years	20	Miner	S					Fall of Slate	No	I
263	7 years	30	Miner	S				1,000.00	Fall of Slate	No	I
264		47	Miner						Fall of Slate	No	I
265		16	Trapper	S				50.00	Mine Car	No	I
266	3 years	21	Brakeman	M	Yes		1		Mine Car	No	I
267		30	Loader	S					Fall of Slate	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
	MERCER COUNTY.					
268	Mill Creek Coal & Coke Co.	Tug River	Paul Jackson	7-14-13	7-14-13	Negro
269	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Mike Dolokore	8- 4-13	8- 4-13	Slavish
270	Mill Creek Coal & Coke Co.	West Fork	John Moran	8- 5-13	8- 5-13	American
271	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Irvin Galligher	8- 8-13	8- 8-13	American
272	Louisville Coal & Coke Co.	Louisville	Robert L. Tankersly	8-25-13	8-25-13	American
273	Mill Creek Coal & Coke Co.	Mill Creek	David Stanger	9- 6-13	9- 8-13	American
274	Thomas Coal Co.	No. 1	Leonard Reed	10-22-13	10-22-13	American
275	Buckeye Coal & Coke Co.	Buckeye	Joe Mekoli	3-19-14	3-19-14	Slavish
276	Ennis Coal Company	Hiawatha	Alex Bense	4-10-14	4-10-14	Hungarian
277	Louisville Coal & Coke Co.	No. 2	Pete Strugar	5-12-14	5-12-14	Montenegrin
278	Poca. Cons. Collieries Co., Inc.	Hemlock	J. H. Nicewander	5-25-14	5-25-14	American
	MINGO COUNTY.					
279	Red Jacket Cons. Coal & Coke Co.	Mitchell Branch	Vincenzo Cosentino	8-15-13	8-15-13	Italian
280	Red Jacket Jr., Coal Co.	Junior	Elliott Varney	8-29-13	8-30-13	American
281	Red Jacket Cons. Coal & Coke Co.	Mitchell Branch	John Mauder	9- 8-13	9- 8-13	Hungarian
282	Red Jacket Jr. Coal Company	No. 1	Patsi Sita	11-20-13	11-20-13	Italian
283	Thacker Coal & Coke Co.	No. 3	Alex Shramco	12-30-13	12-30-13	Slavish
284	Howard Colliery Co.	Howard	Buck Bailey	1- 2-14	1- 4-14	American
285	Thacker Coal & Coke Co.	No. 2	Grant Scott	1-15-14	1-23-14	Negro
286	Red Jacket Cons. Coal & Coke Co.	Grapevine	Mike Twenya	1-26-14	1-26-14	Hungarian
287	Glen Alum Coal Co.	Glen Alum	Tony Fucillio	3-15-14	3-15-14	Italian
288	Howard Colliery Co.	Howard	Jack Armstrong	4-21-14	4-21-14	American
289	Williamson Coal & Coke Co.	No. 5	Hiram Townsend	5-28-14	5-28-14	American
290	Red Jacket Cons. Coal & Coke Co.	Mitchell Branch	Goodwin Adkins	5-29-14	5-29-14	American
291	Sycamore Coal Co.	Cinderella	James Collins	6-30-14	6-30-14	American
292	Sycamore Coal Co.	Cinderella	Ben James	6-30-14	6-30-14	American
293	Sycamore Coal Co.	Cinderella	Harry Lyons	6-30-14	6-30-14	American
294	Sycamore Coal Co.	Cinderella	Marion Lyons	6-30-14	6-30-14	American
295	Sycamore Coal Co.	Cinderella	Grover C. Seabolt	6-30-14	6-30-14	American
296	Thacker Coal & Coke Co.	No. 10	Rossa Olieva	6- 1-14	6- 1-14	Italian
297	Shanklin, James R. Coal Co.	Naugatuck	James Wolstenholme	6-10-14	6-10-14	English
298	Howard Colliery Co.	Howard	Frank Glowata	6-12-14	6-12-14	Italian

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
268	.. ..	16	Trapper	S	....	....	....	....	Mine Car	No	I
269	several yrs	35	Slateman	M	Yes	....	1	....	Fall of Slate	No	I
270	2 years..	19	Brakeman	S	....	....	....	50.00	Mine Car	No	I
271	6 years..	20	Miner	S	....	....	....	50.00	Fall of Slate	No	I
272	11 years..	24	Miner	M	Yes	....	1	50.00	Fall of Slate	No	I
273	6 years..	16	Laborer	S	....	....	....	....	Railroad Car	No	O
274	.. ..	17	Brakeman	M	No	....	3	50.00	Mine Car	No	O
275	16 years..	45	Miner	M	Yes	1	2	....	Mine Car	No	I
276	.. ..	45	Miner	M	Yes	....	1	....	Fall of Coal	No	I
277	3 months.	22	Miner	S	....	....	....	135.00	Mine Car	No	I
278	.. ..	52	Miner	M	Yes	5	6	....	Fall of Coal	No	I
279	2 years..	20	Shot Firer	S	....	....	....	....	Locomotive	No	I
280	several yrs	23	Shot Firer	S	....	....	....	....	Powder Explosion	No	I
281	8 years..	35	Loader	M	Yes	....	1	....	Mine Car	No	I
282	.. ..	21	Brakeman	S	....	....	....	....	Mine Car	No	I
283	.. ..	26	Loader	M	Yes	2	3	50.00	Electrocuted	No	I
284	.. ..	26	Loader	M	Yes	3	4	....	Fall of Slate	No	I
285	15 years..	35	Machine Runner	M	Yes	2	3	50.00	Mine Machine	No	I
286	.. ..	37	Loader	M	Yes	....	1	....	Mine Car (Incline)	No	O
287	.. ..	38	Laborer	M	Yes	2	3	....	Steam Boiler & Door	No	O
288	1 year...	21	Loader	S	....	....	....	....	Fall of Slate	No	I
289	.. ..	45	Miner	M	Yes	3	4	....	Fall of Slate	No	I
290	1 year...	16	Trapper	S	....	....	....	....	Locomotive	No	I
291	5 years..	28	Shot Firer	S	....	....	....	....	Asphyxiated by Smoke	No	D
292	5 years..	29	Trackman	S	....	....	....	....	Asphyxiated by Smoke	No	D
293	2 years..	22	Machine Runner	S	....	....	....	....	Asphyxiated by Smoke	No	D
294	3 years..	19	Machine Helper	S	....	....	....	....	Asphyxiated by Smoke	No	D
295	3 years..	23	Shot Firer	S	....	....	....	....	Asphyxiated by Smoke	No	D
296	2 years..	26	Miner	S	....	....	....	....	Fall of Slate	No	I
297	15 years..	40	Trackman	M	No	7	7	....	Fall of Slate	No	I
298	.. ..	25	Laborer	S	....	....	....	50.00	Monitor (Incline)	No	O

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
	MONONGALIA COUNTY.					
299	Elkins Coal & Coke Co.	No. 5	Mike Mehalick	8-20-13	8-20-13	Slavish
300	Elkins Coal & Coke Co.	No. 1	John Scutalli	12-30-13	12-30-13	Italian
301	Elkins Coal & Coke Co.	No. 1	Dominie Furcerinia	2-13-14	2-18-14	Italian
	OHIO COUNTY.					
302	Richland Coal Company	Richlaud	John Kish	7-31-13	7-31-13	Austrian
303	Richland Coal Company	Richland	Mike Dascolhais	8-12-13	8-12-13	Greek
304	Elm Grove Coal Co.	Elm Grove	John Skenski	11-29-13	11-29-13	Polish
305	Richland Coal Co.	Richland	George York	3- 5-14	3- 5-14	Austrian
306	Richland Coal Co.	Richland	John Reshitar	3- 9-14	3- 9-14	Croatian
	PRESTON COUNTY.					
307	Preston County Coke Co.	Cascade	Pearl Wheeler	9-16-13	12-26-13	American
308	Elkins Coal & Coke Co.	No. 4	Joseph Barnard	12- 4-13	12- 4-13	Italian
309	Hiorra Coke Company	Vulcan	Peter Smith	1- 2-14	1-24-14	Polish
310	Elkins Coal & Coke Co.	No. 6	Gispare Turrone	1-15-14	1-15-14	Italian
311	Preston County Fuel Co.	No 1	Lawrence Henry	2-20-14	2-20-14	American
312	Somersett Smokeless Coal Co.	Tunnelton	Archie Brown	6-27-14	6-27-14	American
	PUTNAM COUNTY.					
313	Plymouth Coal & Mining Co.	Plymouth	Pat Nash	2-26-14	2-26-14	American
314	The Otto Marmet Coal & Mining Co.	No. 3	Joseph B. Null	3-27-14	3-27-14	American
	RALEIGH COUNTY.					
315	E. E. White Coal Co.	Stotesbury No. 5	Robert L. Bryant	7-25-13	7-25-13	American
316	Raleigh Coal & Coke Co.	No. 6	Harry Daniels	7-30-13	7-30-13	American
317	E. E. White Coal Co.	Stotesbury	Mike Flagg	8-15-13	8-25-13	Negro
318	Slab Fork Coal Co.	No. 3	W. J. Pagett	8-18-13	8-18-13	American
319	Bailey-Wood Coal Co.	Bailey-Wood	Stephen Gyrkas	8-26-13	8-26-13	Hungarian
320	Pemberton Coal & Coke Co.	Big Stick	Robert Armstead	8-30-13	8-30-13	American
321	MacAlpin Coal Company	MacAlpin	Gray Sounders	8-30-13	8-30-13	Negro
322	New River Collieries Co.	Eccles No. 3	Raleigh Harrah	9-18-13	9-18-13	American
323	The Winding Gulf Colly. Co.	No. 3	Joseph Dojzot	9-24-13	9-24-13	Slavish
324	MacAlpin Coal Co.	No. 1	Joseph Evak	9-25-13	9-26-13	Russian
325	Bailey-Wood Coal Co.	Bailey-Wood	Ludwig Mitzka	10- 4-13	10- 4-13	Litvitch
326	Slab Fork Coal Co.	No. 6	Dave Kidd	10-27-13	10-27-13	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
299	15 years..	44	Miner	M	Yes	9	10	200.00	Fall of Slate	No	I
300	3 years..	24	Laborer	S	....	....	....		Locomotive & Car	No	I
301	.. ..	27	Miner	S	....	....	....	Work. Comp.	Explosion of Powder	No	O
302	3 years..	38	Miner	S	....	....	....		Fall of Slate	No	I
303	2 years..	25	Miner	S	....	....	....		Fall of Slate	No	I
304	.. ..	27	Driver	S	....	....	....		Head Struck a Timber	No	I
305	8 years..	27	Driver	S	....	....	....		Mine Car	No	I
306	1 year...	38	Loader	S	....	....	....		Fall of Slate	No	I
307	3 years..	19	Motorman	S	....	....	....		Fall of Slate	No	I
308	4 years..	23	Miner	S	....	....	....		Fall of Slate	No	I
309	several yrs	32	Machine Runner	M	Yes	4	5		Fall of Slate	No	I
310	.. ..	27	Car Trimmer	S	....	....	....	Work. Comp.	R. R. Car (Under Tipple)	No	O
311	16 years..	31	Miner	M	Yes	2	3	500.00	Fall of Stone & Coal	Yes	I
312	5 years..	19	Miner	S	....	....	....		Fall of Slate	No	I
313	.. ..	48	Miner	M	....	....	....		Fall of Coal	No	I
314	30 years..	48	Miner	M	....	....	....		Fall of Coal	No	I
315	6 years..	18	Brakeman	S	....	....	....		Mine Car	No	I
316	4 years..	26	Miner	M	Yes	1	2		Fall of Slate	No	I
317	6 years..	24	Brakeman	S	....	....	....		Mine Car	No	I
318	several yrs	28	Miner	M	Yes	....	1		Fall of Slate	No	I
319	4 years..	28	Miner	M	Yes	....	1		Fall of Coal	Yes	I
320	15 years..	33	Miner	M	Yes	3	4		Blown Through Shot	No	I
321	5 years..	23	Trackman	M	Yes	2	3		Locomotive	No	I
322	several yrs	25	Motorman	M	Yes	....	1		Locomotive	No	I
323	5 years..	23	Miner	S	....	....	....		Fall of Slate	No	I
324	3 years..	43	Machine Helper	M	Yes	6	7	50.00	Mine Machine	No	I
325	6 years..	30	Miner	M	Yes	4	5	50.00	Mine Car	Yes	I
326	3 years..	25	Miner	M	Yes	1	2		Fall of Slate	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
327	Gulf Smokeless Coal Co.	Tams	Joseph Monroe	11-19-13	11-19-13	American
328	Slab Fork Coal Co.	No. 3	Richard Cubbidge	11-28-13	11-28-13	English
329	Marsh Fork Coal Co.	Marsh Fork	Frank White	11-29-13	11-29-13	American
330	E. E. White Coal Co.	Glen White	George Robins	12-10-13	12-10-13	American
331	McKell Coal & Coke Co.	Tamroy	Fivragelo Cinandelli	12-12-13	12-12-13	Italian
332	The Winding Gulf Colliery Co.	No. 2	Joe Volevolsky	1-21-14	2- 2-14	Polish
333	Beckley Coal & Coke Co.	Beckley Slope	Paul Casseo	2- 5-14	2- 5-14	Italian
334	New River Collieries Co.	Eccles No. 6	Fred Jarvis	2-16-14	2-16-14	American
335	MacAlpin Coal Company	MacAlpin	Ambrose Shrewsbury	3-12-14	3-12-14	American
336	Sullivan Coal & Coke Co.	No. 4	John Elliott	3-14-14	3-14-14	Negro
337	McKell Coal & Coke Co.	Graham	Joseph Henson	3-30-14	3-30-14	American
338	Lynwin Coal Company	Lynwin	John Draulot	4- 6-14	4- 6-14	Polish
339	Beckley Coal & Coke Company	Beckley	Leo Dominick	4-14-14	4-14-14	Italian
340	Raleigh Coal & Coke Co.	No. 3	John R. Harris	4-26-14	4-26-14	Negro
341	Raleigh Coal & Coke Co.	No. 3	Joe Bennett	4-26-14	4-26-14	American
342	Gulf Coal Company	No. 4	Reimond Marks	4-27-14	4-27-14	Hungarian
343	New River Collieries Company	Eccles No. 5	A. A. Abbott	4-28-14	4-28-14	Negro
344	New River Collieries Company	Eccles No. 5	John Adams	4-28-14	4-28-14	American
345	New River Collieries Company	Eccles No. 5	Boyd Akers	4-28-14	4-28-14	American
346	New River Collieries Company	Eccles No. 5	W. Akers	4-28-14	4-28-14	American
347	New River Collieries Company	Eccles No. 5	W. W. Bailey	4-28-14	4-28-14	Negro
348	New River Collieries Company	Eccles No. 5	M. B. Bailey	4-28-14	4-28-14	American
349	New River Collieries Company	Eccles No. 5	H. T. Basham	4-28-14	4-28-14	American
350	New River Collieries Company	Eccles No. 6	John Bennett	4-28-14	4-28-14	American
351	New River Collieries Company	Eccles No. 5	Alfred Bobbitt	4-28-14	4-28-14	Negro
352	New River Collieries Company	Eccles No. 6	Robert Boswick	4-28-14	6-16-14	American
353	New River Collieries Company	Eccles No. 5	Simon Bozata	4-28-14	4-28-14	Austrian
354	New River Collieries Company	Eccles No. 5	Judge Brown	4-28-14	4-28-14	Negro
355	New River Collieries Company	Eccles No. 6	A. W. Broughman	4-28-14	4-28-14	American
356	New River Collieries Company	Eccles No. 5	Andy Bulash	4-28-14	4-28-14	Lithuanian
357	*New River Collieries Company	Eccles No. 5	*Sam Botusa	4-28-14	4-28-14	(Unknown)
358	New River Collieries Company	Eccles No. 5	James Cadle	4-28-14	4-28-14	American
359	New River Collieries Company	Eccles No. 5	Ernest Cadle	4-28-14	4-28-14	American
360	New River Collieries Company	Eccles No. 5	Clarence Cadle	4-28-14	4-28-14	American
361	New River Collieries Company	Eccles No. 5	Tony Campbell	4-28-14	4-28-14	Italian
362	New River Collieries Company	Eccles No. 5	Quintillio Carli	4-28-14	4-28-14	Polish
363	New River Collieries Company	Eccles No. 5	Stanley Cichow	4-28-14	4-28-14	Polish

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
327	.. ..	16	Trapper	S	....	....	....	....	Mine Car	No	I
328	18 months.	49	Miner	M	Yes	1	2	$40.00	Fall of Slate	Yes	I
329	.. ..	19	Miner	S	....	....	....	....	Fall of Slate	No	I
330	4 months.	17	Trip Rider	S	....	....	....	....	Locomotive	No	I
931	7 years..	42	Miner	M	Yes	7	8	150.00	Fall of Slate	No	I
332	.. ..	37	Miner	M	?	?	?	....	Fall of Slate	No	I
333	15 months.	22	Miner	S	....	....	....	....	Fall of Slate	No	I
334	.. ..	27	Brakeman	S	....	....	....	....	Electrocuted	No	I
335	several yrs	32	Miner	M	Yes	3	4	50.00	Mine Car	No	I
336	19 years..	47	Miner	M	Yes	2	3	50.00	Fall of Slate	No	I
337	4 years..	24	Miner	M	Yes	1	2	....	Fall of Slate	No	I
338	.. ..	26	Miner	M	Yes	2	3	....	Fall of Slate	No	I
339	8 years..	30	Miner	M	Yes	2	3	50.00	Fall of Slate	No	I
340	3 years..	18	Trip Rider	S	....	....	....	....	Fall of Slate	No	I)
341	18 months.	17	Motorman	S	....	....	....	50.00	Fall of Slate	No	I)
342	.. ..	42	Miner	M	No	1	1	....	Fall of Coal	No	I
343	5 years..	25	Machine Runner	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
344	.. ..	30	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
345	.. ..	20	Motorman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
346	.. ..	19	Timberman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
347	.. ..	37	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
348	.. ..	47	Trackman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
349	.. ..	22	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
350	.. ..	26	Car Dropper	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
351	.. ..	18	Brakeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
352	.. ..	22	Motorman	S	....	...	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
353	.. ..	25	Miner	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
354	2 years..	28	Driver	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
355	3 years..	41	Electrician	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
356	2 years..	32	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
357	.. ..	..	....	......	....	....	....	....	Explosion of Gas and Dust	Yes	I
358	4 years..	45	Fire Boss	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
359	2 years..	18	Motorman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
360	2 years..	16	Trapper	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
361	2 years..	25	Machine Runner	S	Yes	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
362	.. ..	30	Timberman	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
363	1 year...	44	Miner	M	Yes	7	8	Work. Comp.	Explosion of Gas and Dust	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
364	New River Collieries Company	Eccles No. 5	Ernest Colbert	4-28-14	4-28-14	Negro
365	New River Collieries Company	Eccles No. 5	S. M. Combs	4-28-14	4-28-14	American
366	New River Collieries Company	Eccles No. 5	Lee Combs	4-28-14	4-28-14	American
367	New River Collieries Company	Eccles No. 5	Petro Coras	4-28-14	4-28-14	Italian
368	New River Collieries Company	Eccles No. 5	Joe Copras	4-28-14	4-28-14	Polish
369	New River Collieries Company	Eccles No. 5	Leslie Cottle	4-28-14	4-28-14	American
370	New River Collieries Company	Eccles No. 5	L. C. Clayborne	4-28-14	4-28-14	American
371	New River Collieries Company	Eccles No. 5	J. C. Crook	4-28-14	4-28-14	Negro
372	New River Collieries Company	Eccles No. 5	John Cucia	4-28-14	4-28-14	Italian
373	New River Collieries Company	Eccles No. 5	Dominick Daldo	4-28-14	4-28-14	Italian
374	New River Collieries Company	Eccles No. 5	Wm. Dark	4-28-14	4-28-14	Negro
375	New River Collieries Company	Eccles No. 5	Ed. Dennis	4-28-14	4-28-14	Negro
376	New River Collieries Company	Eccles No. 5	Wuich Devich	4-28-14	4-28-14	German
377	New River Collieries Company	Eccles No. 5	Joe De Rose	4-28-14	4-28-14	Italian
378	New River Collieries Company	Eccles No. 5	Green Dudley	4-28-14	4-28-14	American
379	New River Collieries Company	Eccles No. 5	E. Edwards	4-28-14	4-28-14	English
380	New River Collieries Company	Eccles No. 5	D. C. English	4-28-14	4-28-14	American
381	New River Collieries Company	Eccles No. 5	Mike Enovich	4-28-14	4-28-14	Montenegrin
382	New River Collieries Company	Eccles No. 5	E. O. Ellison	4-28-14	4-28-14	American
383	New River Collieries Company	Eccles No. 5	Joe Farria	4-28-14	4-28-14	Lithuanian
384	New River Collieries Company	Eccles No. 5	Charles Fela	4-28-14	4-28-14	Lithuanian
385	New River Collieries Company	Eccles No. 5	John Fela	4-28-14	4-28-14	Lithuanian
386	New River Collieries Company	Eccles No. 6	Joe Filler	4-28-14	4-28-14	Lithuanian
387	New River Collieries Company	Eccles No. 6	Frank Filler	4-28-14	4-28-14	Lithuanian
388	New River Collieries Company	Eccles No. 5	John Forcento	4-28-14	4-28-14	Polish
389	New River Collieries Company	Eccles No. 5	James Fortuna	4-28-14	4-28-14	Italian
390	New River Collieries Company	Eccles No. 5	Bruno Fortuna	4-28-14	4-28-14	Italian
391	New River Collieries Company	Eccles No. 5	Joe Fortunyo	4-28-14	4-28-14	Italian
392	New River Collieries Company	Eccles No. 5	Roland Fowler	4-28-14	4-28-14	Negro
393	New River Collieries Company	Eccles No. 5	Joe Frencho	4-28-14	4-28-14	Austrian
394	New River Collieries Company	Eccles No. 5	P. C. Fridley	4-28-14	4-28-14	American
395	New River Collieries Company	Eccles No. 5	W. J. Frost	4-28-14	4-28-14	English
396	New River Collieries Company	Eccles No. 5	Wm. Gallimore	4-28-14	4-28-14	American
397	New River Collieries Company	Eccles No. 5	John Gemudor	4-28-14	4-28-14	Polish
398	New River Collieries Company	Eccles No. 5	Jack Gerke	4-28-14	4-28-14	Polish
399	New River Collieries Company	Eccles No. 5	Deriu Giovanni	4-28 14	4-28-14	Italian
400	New River Collieries Company	Eccles No. 5	Pat Golden	4-28-14	4-28-14	Irishman

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
364	.. ..	25	Brakeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
365	2 years..	32	Contractor	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
366	2 years..	17	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
367	.. ..	41	Loader	M	Yes	6	7	Work. Comp.	Explosion of Gas and Dust	Yes	I
368	.. ..	33	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
369	3 years..	28	Contractor	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
370	.. ..	28	Machine Runner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
371	.. ..	25	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
372	.. ..	32	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
373	.. ..	22	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
374	.. ..	32	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
375	.. ..	20	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
376	.. ..	25	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
377	2 years..	28	Slateman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
378	.. ..	20	Brakeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
379	.. ..	25	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
380	2 years..	34	Boss Driver	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
381	.. ..	25	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
382	.. ..	26	Bratticeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
383	.. ..	26	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
384	.. ..	31	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
385	.. ..	26	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
386	.. ..	28	Cager	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
387	.. ..	25	Cager	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
388	.. ..	35	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
389	.. ..	58	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
390	.. ..	30	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
391	.. ..	20	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
392	.. ..	26	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
393	.. ..	45	Loader	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
394	.. ..	28	Trackman	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
395	.. ..	38	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
396	.. ..	30	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
397	2 years..	34	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
398	.. ..	33	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
399	.. ..	35	Machine Runner	M	Yes	4	5	Work. Comp.	Explosion of Gas and Dust	Yes	I
400	3 years..	40	Timberman	M	Yes	?	?	Work. Comp.	Explosion of Gas and Dust	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
401	New River Collieries Company	Eccles No. 6	L. Goodman	4-28-14	4-28-14	American
402	New River Collieries Company	Eccles No. 5	Wm. Gusach	4-28-14	4-28-14	Polish
403	New River Collieries Company	Eccles No. 5	H. E. Gray	4-28-14	4-28-14	American
404	New River Collieries Company	Eccles No. 5	Emmett Green	4-28-14	4-28-14	Negro
405	New River Collieries Company	Eccles No. 5	John Gronay	4-28-14	4-28-14	Polish
406	New River Collieries Company	Eccles No. 5	Jake Hale	4-28-14	4-28-14	Negro
407	New River Collieries Company	Eccles No. 6	Joe Harper	4-28-14	4-28-14	American
408	New River Collieries Company	Eccles No. 5	Jessie Harriston	4-28-14	4-28-14	Negro
409	New River Collieries Company	Eccles No. 5	A. H. Hardnet	4-28-14	4-28-14	Negro
410	New River Collieries Company	Eccles No. 5	Joe Hockman	4-28-14	4-28-14	American
411	New River Collieries Company	Eccles No. 5	J. H. Huff	4-28-14	4-28-14	Negro
412	New River Collieries Company	Eccles No. 5	Mike Hrim	4-28-14	4-28-14	Polish
413	New River Collieries Company	Eccles No. 5	O. B. Hayslett	4-28-14	4-28-14	American
414	New River Collieries Company	Eccles No. 5	George Jones	4-28-14	4-28-14	Negro
415	New River Collieries Company	Eccles No. 5	William Johnson	4-28-14	4-28-14	Negro
416	New River Collieries Company	Eccles No. 5	Ed. Johnson	4-28-14	4-28-14	Negro
417	New River Collieries Company	Eccles No. 5	Edgar Johnson	4-28-14	4-28-14	Negro
418	New River Collieries Company	Eccles No. 5	Mike Joseph	4-28-14	4-28-14	Lithuanian
419	New River Collieries Company	Eccles No. 5	James Jordan	4-28-14	4-28-14	American
420	New River Collieries Company	Eccles No. 5	Marshall Jordan	4-28-14	4-28-14	Negro
421	New River Collieries Company	Eccles No. 5	George King	4-28-14	4-28-14	English
422	New River Collieries Company	Eccles No. 5	Alex. Korum	4-28-14	4-28-14	Hungarian
423	New River Collieries Company	Eccles No. 5	Chas. Koalofski	4-28-14	4-28-14	Lithuanian
424	New River Collieries Company	Eccles No. 5	Joe Kasup	4-28-14	4-28-14	Austrian
425	New River Collieries Company	Eccles No. 5	Robert Kramer	4-28-14	4-28-14	American
426	New River Collieries Company	Eccles No. 5	John Kreshak	4-28-14	4-28-14	Russian
427	New River Collieries Company	Eccles No. 5	Frank Kreptofski	4-28-14	4-28-14	Lithuanian
428	New River Collieries Company	Eccles No. 5	Andrew Kulmore	4-28-14	4-28-14	Russian
429	New River Collieries Company	Eccles No. 5	J. A. Lester	4-28-14	4-28-14	American
430	New River Collieries Company	Eccles No. 5	Wayman Lester	4-28-14	4-28-14	American
431	New River Collieries Company	Eccles No. 5	Joe Levika	4-28-14	4-28-14	Lithuanian
432	New River Collieries Company	Eccles No. 6	F. J. Lingeman	4-28-14	4-28-14	German
433	New River Collieries Company	Eccles No. 5	Freeman Linville	4-28-14	4-28-14	American
434	New River Collieries Company	Eccles No. 5	Alex Lopp	4-28-14	4-28-14	Russian
435	New River Collieries Company	Eccles No. 5	Peter Majamado	4-28-14	4-28-14	Polish
436	New River Collieries Company	Eccles No. 5	Tony Mauke	4-28-14	4-28-14	Polish
437	New River Collieries Company	Eccles No. 5	Chas. Meadows	4-28-14	4-28-14	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
401	.. ..	25	Loader	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
402	2 years..	32	Miner	M	Yes	4	5	Work. Comp.	Explosion of Gas and Dust	Yes	I
403	.. ..	26	Loader	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
404	.. ..	26	Loader	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
405	.. ..	29	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
406	2 years..	27	Contractor	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
407	2 years..	25	Cager	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
408	2 years..	28	Loader	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
409	2 years..	30	Car Dropper	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
410	4 years..	22	Wireman	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
411	.. ..	36	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
412	.. ..	32	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
413	4 years..	35	Mine Foreman	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
414	.. ..	24	Driver	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
415	.. ..	30	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
416	.. ..	28	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
417	.. ..	24	Motorman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
418	.. ..	30	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
*419	2 years..	45	Timberman	M	Yes	20	21	Work. Comp.	Explosion of Gas and Dust	Yes	I
420	.. ..	25	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
421	2 years..	28	Pumper	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
422	.. ..	34	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
423	.. ..	30	Trackman	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
424	.. ..	26	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
425	.. ..	29	Miner	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
426	.. ..	35	Loader	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
427	.. ..	28	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
428	.. ..	30	Miner	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
429	2 years..	35	Trackman	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
430	3 years..	34	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
431	.. ..	30	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
432	.. ..	26	Mine Foreman	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
433	.. ..	38	Insurance agent	M	Yes	1	2	1,000.00	Explosion of Gas and Dust	Yes	I
434	.. ..	36	Loader	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
435	.. ..	24	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
436	.. ..	28	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
437	.. ..	56	Pumper	M	Yes	9	10	Work. Comp.	Explosion of Gas and Dust	Yes	I

*Part dependent.

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
438	New River Collieries Company	Eccles No. 5	Wm. Metloch	4-28-14	4-28-14	Polish
439	New River Collieries Company	Eccles No. 5	John Mick	4-28-14	4-28-14	Polish
440	New River Collieries Company	Eccles No. 5	Casua Michale	4-28-14	4-28-14	Italian
441	New River Collieries Company	Eccles No. 5	Bernard Miller	4-28-14	4-28-14	American
442	New River Collieries Company	Eccles No. 5	Fred Mishuk	4-28-14	4-28-14	Russian
443	New River Collieries Company	Eccles No. 5	Savora Mollinoci	4-28-14	4-28-14	Italian
444	New River Collieries Company	Eccles No. 5	Stanley Monesky	4-28-14	4-28-14	Polish
445	New River Collieries Company	Eccles No. 5	Mike Mononsky	4-28-14	4-28-14	Polish
446	New River Collieries Company	Eccles No. 5	Chas. D. Moran	4-28-14	4-28-14	American
447	New River Collieries Company	Eccles No. 5	C. B. Murphy	4-28-14	4-28-14	American
448	New River Collieries Company	Eccles No. 5	Frank Musual	4-28-14	4-28-14	Polish
449	New River Collieries Company	Eccles No. 5	Thomas McClough	4-28-14	4-28-14	American
450	New River Collieries Company	Eccles No. 5	W. H. McMillion	4-28-14	4-28-14	American
451	New River Collieries Company	Eccles No. 5	Lee McMillion	4-28-14	4-28-14	American
452	New River Collieries Company	Eccles No. 5	Lacy McMillion	4-28-14	4-28-14	American
453	New River Collieries Company	Eccles No. 5	George McMillion	4-28-14	4-28-14	American
454	New River Collieries Company	Eccles No. 5	Elie Nicheri	4-28-14	4-28-14	Italian
455	New River Collieries Company	Eccles No. 5	Epsie Nincheri	4-28-14	4-28-14	Polish
456	New River Collieries Company	Eccles No. 5	Pete Noman	4-28-14	4-28-14	Negro
457	New River Collieries Company	Eccles No. 5	Mike Novitsky	4-28-14	4-28-14	Lithuanian
458	New River Collieries Company	Eccles No. 5	John Olah	4-28-14	4-28-14	Polish
459	New River Collieries Company	Eccles No. 5	Tony Orso	4-28-14	4-28-14	Italian
460	New River Collieries Company	Eccles No. 5	Hy. Osodch	4-28-14	4-28-14	Polish
461	New River Collieries Company	Eccles No. 5	Pete Osodch	4-28-14	4-28-14	Polish
462	New River Collieries Company	Eccles No. 5	John Palmer	4-28-14	4-28-14	Negro
463	New River Collieries Company	Eccles No. 5	John Paup	4-28-14	4-28-14	German
464	New River Collieries Company	Eccles No. 5	Richard Perkins	4-28-14	4-28-14	Negro
465	New River Collieries Company	Eccles No. 5	Garland Phillips	4-28-14	4-28-14	Negro
466	New River Collieries Company	Eccles No. 5	James Picola	4-28-14	4-28-14	Italian
467	New River Collieries Company	Eccles No. 5	Daldo Pietro	4-28-14	4-28-14	Italian
468	New River Collieries Company	Eccles No. 5	John Polenay	4-28-14	4-28-14	Russian
469	New River Collieries Company	Eccles No. 5	Steve Pollunay	4-28-14	4-28-14	Russian
470	New River Collieries Company	Eccles No. 5	Joe Port	4-28-14	4-28-14	Polish
471	New River Collieries Company	Eccles No. 5	Robert Poteet	4-28-14	4-28-14	Negro
472	New River Collieries Company	Eccles No. 5	Mike Predno	4-28-14	4-28-14	Italian
473	New River Collieries Company	Eccles No. 5	Cosnie Predno	4-28-14	4-28-14	Italian
474	New River Collieries Company	Eccles No. 5	J. T. Price	4-28-14	4-28-14	English

FATAL ACCIDENTS FOR THE Y EAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
438	.. ..	34	Miner	M	Yes	....	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
439	.. ..	27	Loader	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
440	.. ..	38	Machine Runner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
441	.. ..	13	Flag Boy	S		....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
442	.. ..	34	Loader	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
443	2 years..	19	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
444	.. ..	28	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
445	.. ..	26	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
446	3 years..	38	Electrician	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
447	.. ..	29	Pumper	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
448	.. ..	32	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
449	.. ..	27	Pumper	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
450	3 years..	32	Miner	M	Yes	4	5	Work. Comp.	Explosion of Gas and Dust	Yes	I
457	3 years..	30	Contractor	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
452	3 years..	23	Contractor	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
453	.. ..	29	Trackman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
454	.. ..	?	Timberman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
455	.. ..	25	Timberman	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
456	.. ..	29	Bratticeman	S	Yes	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
457	.. ..	24	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
458	.. ..	40	Miner	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust	Yes	I
459	.. ..	38	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
460	.. ..	37	Miner	M	Yes	4	5	Work. Comp.	Explosion of Gas and Dust	Yes	I
461	.. ..	36	Miner	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
462	.. ..	26	Loader	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
463	.. ..	31	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
464	.. ..	36	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
465	.. ..	22	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
466	.. ..	45	Bratticeman	M	?	?	?	Work. Comp.	Explosion of Gas and Dust	Yes	I
467	.. ..	24	Cager	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
468	.. ..	26	Loader	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
469	.. ..	24	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
470	.. ..	29	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
471	.. ..	30	Laborer	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
472	.. ..	29	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
473	.. ..	35	Loader	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
474	.. ..	26	Timberman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
475	New River Collieries Company	Eccles No. 5	W. J. Quesenberry	4-28-14	4-28-14	American
476	New River Collieries Company	Eccles No. 5	Wm. Randall	4-28-14	4-28-14	Negro
477	New River Collieries Company	Eccles No. 5	Hobart Reach	4-28-14	4-28-14	American
478	New River Collieries Company	Eccles No. 5	S. F. Roark	4-28-14	4-28-14	American
479	New River Collieries Company	Eccles No. 5	Ed. Richmond	4-28-14	4-28-14	American
480	New River Collieries Company	Eccles No. 5	Ed. Robinson	4-28-14	4-28-14	Negro
481	New River Collieries Company	Eccles No. 5	Paoli Rose	4-28-14	4-28-14	Italian
482	New River Collieries Company	Eccles No. 5	Wm. Ross	4-28-14	4-28-14	American
483	New River Collieries Company	Eccles No. 5	Gatno Rossi	4-28-14	4-28-14	Italian
484	New River Collieries Company	Eccles No. 5	Pete Rushack	4-28-14	4-28-14	Austrian
485	New River Collieries Company	Eccles No. 5	Earina Salvator	4-28-14	4-28-14	Italian
486	New River Collieries Company	Eccles No. 5	John Semic	4-28-14	4-28-14	Lithuanian
487	New River Collieries Company	Eccles No. 5	J. T. Sellards	4-28-14	4-28-14	Negro
488	New River Collieries Company	Eccles No. 5	John Scott	4-28-14	4-28-14	English
489	New River Collieries Company	Eccles No. 5	Nathaniel Shelton	4-28-14	4-28-14	Negro
490	New River Collieries Company	Eccles No. 5	John Shipuruk	4-28-14	4-28-14	Slavish
491	New River Collieries Company	Eccles No. 5	Anthony Shubonas	4-28-14	4-28-14	Russian
492	New River Collieries Company	Eccles No. 5	Chas. Sims	4-28-14	4-28-14	Negro
493	New River Collieries Company	Eccles No. 5	Wm. Smith	4-28-14	4-28-14	English
494	New River Collieries Company	Eccles No. 5	J. T. Smith	4-28-14	4-28-14	American
495	New River Collieries Company	Eccles No. 5	Wiley Smith	4-28-14	4-28-14	American
496	New River Collieries Company	Eccles No. 5	Tony Stanlos	4-28-14	4-28-14	Hungarian
497	New River Collieries Company	Eccles No. 5	Harvey Stanley	4-28-14	4-28-14	American
498	New River Collieries Company	Eccles No. 5	Barney Stepp	4-28-14	4-28-14	Negro
499	New River Collieries Company	Eccles No. 5	Joe Stonkovich	4-28-14	4-28-14	Lithuanian
500	New River Collieries Company	Eccles No. 5	C. J. Taylor	4-28-14	4-28-14	American
501	New River Collieries Company	Eccles No. 5	Frank Tedys	4-28-14	4-28-14	Polish
502	New River Collieries Company	Eccles No. 5	Robert Thompson	4-28-14	4-28-14	Negro
503	New River Collieries Company	Eccles No. 5	Wes. Thrasher	4-28-14	4-28-14	Russian
504	New River Collieries Company	Eccles No. 5	Steve Thrasher	4-28-14	4-28-14	Russian
505	New River Collieries Company	Eccles No. 5	Chas. Tibbs	4-28-14	4-28-14	American
506	New River Collieries Company	Eccles No. 5	Norman Toler	4-28-14	4-28-14	Negro
507	New River Collieries Company	Eccles No. 5	A. H. Turner	4-28-14	4-28-14	American
508	New River Collieries Company	Eccles No. 5	Sebastian Tusca	4-28-14	4-28-14	Italian
509	New River Collieries Company	Eccles No. 5	Joe Tusca	4-28-14	4-28-14	Italian
510	New River Collieries Company	Eccles No. 6	†Carl Warden	4-28-14	4-28-14	American
511	New River Collieries Company	Eccles No. 5	George Washington	4-28-14	4-28-14	Negro

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
475	.. ..	36	Contractor	M	Yes	4	5	Work. Comp.	Explosion of Gas and Dust	Yes	I
476	.. ..	24	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
477	.. ..	14	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
478	.. ..	32	Loader	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
479	.. ..	35	Pumper	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
480	.. ..	35	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
481	.. ..	28	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
482	.. ..	31	Motorman	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
483	.. ..	25	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
484	.. ..	53	Miner	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
485	.. ..	30	Slateman	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
486	.. ..	26	Miner	M	Yes	?	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
487	.. ..	28	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
488	.. ..	28	Fire Boss	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
489	.. ..	24	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust	Yes	I
490	.. ..	36	Miner	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
491	.. ..	36	Miner	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
492	.. ..	20	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
493	.. ..	35	Miner	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
494	.. ..	36	Miner	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust	Yes	I
495	.. ..	30	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
496	.. ..	26	Miner	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
497	.. ..	23	Timberman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
498	.. ..	28	Car Dropper	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
499	.. ..	25	Miner	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
500	.. ..	25	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
501	.. ..	17	Car Dropper	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
502	.. ..	28	Brakeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
503	.. ..	24	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
504	.. ..	25	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
505	.. ..	27	Loader	M	Yes	....	1	Work. Comp.	Explosion of Gas and Dust	Yes	I
506	.. ..	22	Trackman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
507	.. ..	24	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
508	.. ..	26	Cager	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
509	.. ..	19	Cager	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I
510	.. ..	21	Electrician	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust	Yes	I
511	.. ..	23	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust	Yes	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
512	New River Collieries Company	Eccles No. 5	W. G. Weatherford	4-28-14	4-28-14	American
513	New River Collieries Company	Eccles No. 5	Clarence Webb	4-28-14	4-28-14	American
514	New River Collieries Company	Eccles No. 5	Dona Webb	4-28-14	4-28-14	American
515	New River Collieries Company	Eccles No. 5	Sam White	4-28-14	4-28-14	Negro
516	New River Collieries Company	Eccles No. 5	Philip White	4-28-14	4-28-1	Negro
517	New River Collieries Company	Eccles No. 5	Walter Williams	4-28-14	4-28-14	American
518	New River Collieries Company	Eccles No. 5	A. Wiseman	4-28-14	4-28-14	American
519	New River Collieries Company	Eccles No. 5	E. A. Wiseman	4-28-14	4-28-14	American
520	New River Collieries Company	Eccles No. 5	Walter Wiseman	4-28-14	4-28-14	American
521	New River Collieries Company	Eccles No. 5	Newt. Woods	4-28-14	4-28-14	American
522	New River Collieries Company	Eccles No. 5	Wes Woods	4-28-14	4-28-14	Negro
523	New River Collieries Company	Eccles No. 5	Eugene Wright	4-28-14	4-28-14	Negro
524	New River Collieries Company	Eccles No. 5	Dossie Younger	4-28-14	4-28-14	Negro
525	**New River Collieries Company	Eccles No. 5	**(Unknown)	4-28-14	4-28-14	(Unknown)
526	MacAlpin Coal Company	MacAlpin	Wyatt White	5-20-14	5-20-14	Negro
527	E. E. White Coal Company	No. 3	I. C. Tilly	5-24-14	5-24-14	American
	RANDOLPH COUNTY.					
528	Davis Colliery Company	No. 3	Egedro Compona	11- 8-13	11- 8-13	Italian
	TAYLOR COUNTY.					
529	Rosemont Coal Company	Rosemont	Theodore Moore	1-21-14	1-23-14	American
530	Pittsvein Coal Company	No. 4	Angelo Spear	1-21-14	1-21-14	Slavish
531	Maryland Coal Company of W. Va	Wendell No. 4	Wasyl Lusky	4- 2-14	4- 2-14	Polish
532	Rosemont Coal Company	Rosemont	James H. McDowell	4- 2-14	4- 2-14	American
533	Rosemont Coal Company	Rosemont	W. R. Nestor	4-21-14	4-21-14	American
534	Winona Coal & Coke Co	Winona	Harry Whitley	4-24-14	4-24-14	English
	TUCKER COUNTY.					
535	Davis Coal & Coke Company	No. 39	Geo. D. Taylor	8-13-13	8-13-13	American
536	Davis Coal & Coke Company	Thomas No. 23	August Irkman	8-15-13	8-15-13	Lithuanian
537	Davis Coal & Coke Company	No. 36	Mike Mendalosky	10- 2-13	10- 2-13	Polish
538	Davis Coal & Coke Company	No. 36	Martin Ushowal	1-28-14	1-28-14	Granish
539	Davis Coal & Coke Company	Pierce No. 40	Ed. Scouten	3-12-14	3-12-14	American
540	Davis Coal & Coke Company	Pierce No. 40	B. W. James	6-19-14	6-19-14	American

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
512	.. ..	33	Stable Boss	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
513	.. ..	25	Motorman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
514	.. ..	24	Motor Boss	S	....	....	....	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
515	.. ..	29	Contractor	M	Yes	2	3	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
516	.. ..	27	Miner	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
517	.. ..	21	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
518	.. ..	46	Bratticeman	M	Yes	3	4	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
519	.. ..	40	Loader	M	Yes	5	6	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
520	.. ..	16	Brakeman	S	....	....	....	50,00	Explosion of Gas and Dust.........	Yes	I
521	.. ..	43	Trackman	M	Yes	1	2	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
522	.. ..	29	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
523	.. ..	31	Brakeman	S	....	....	....	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
524	.. ..	20	Loader	S	....	....	....	Work. Comp.	Explosion of Gas and Dust.........	Yes	I
525	.. ..	..							Explosion of Gas and Dust.........	Yes	I
526	.. ..	52	Laborer	M	Yes	2	3	Work. Comp.	Fell off Tipple	No	O
527	.. ..	19	Brakeman	S	....	....	....	Work. Comp.	Electrocuted	No	I
528	2 years..	24	Driver	S	Yes	....	....	100.00	Mine Car	No	I
529	20 years..	57	Miner	M	Yes	2	3	141.00	Mine Car	No	I
530	2 years..	40	Miner	S	....	....	....	50.00	Fall of Slate	Yes	I
531	10 years..	32	Trackman	S	....	....	....	1,050.00	Fall of Slate	No	I
[illegible]	Several yrs	52	Car Trimmer	M	....	....	....	....	Fell Off Railroad Car	No	O
533	16 years..	40	Timberman	M	Yes	4	5	700.00	Fall of Slate	Yes	I
534	.. ..	25	Driver	M	Yes	....	1	....	Coke Larry	No	O
535	3 years..	15	Driver	S	....	....	....	200.00	Fall of Slate	No	I
536	20 years..	45	Laborer	M	....	....	....	200.00	Mine Car	No	I
537	6 years..	22	Motorman	S	....	....	....	....	Fall of Slate	No	I
538	.. ..	33	Miner	M	Yes	2	3	200.00	Electrocuted	No	I
539	1 year...	21	Miner	M	Yes	3	4	....	Fall of coal	No	I
540	15 years..	32	Miner	M	Yes	4	5	....	Electrocuted	No	I

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	NAME OF MINE.	Name of Person Killed	Date of Injury	Date of Death	Nationality.
	WYOMING COUNTY.					
541	Meade-Pocahontas Coal Co.	Meade-Poca.	Elbert Perdue	2-14-14	2-14-14	American

* UNKNOWN thought to be SAM BOTUSA. He has never shown up for his wages to date, September 11th, 1914.

** UNKNOWN. This is the one hundred and seventy-fourth man recovered from Eccles No. 5 mine. He was not checked in mine the morning of the explosion.

36 of the above outside.

505 of the above inside.

FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	Experience	Age	Occupation	Married or Single	Widow	Children	Total Dependents	Amount of Insurance	How Killed	Inquest	In or Out
541	several yrs	45	Miner	M	Yes	4	5		Mine Car	No	I
						597	857	$ 23,191.00			

FATAL ACCIDENTS FOR THE FISCAL YEAR ENDING JUNE 30, 1914.

Barbour County.

October 11, 1913.—Elsworth Roderick, a Miner, 35, American, Dartmoor No. 4 Mine of the Davis Coal & Coke Co. Was lifting a large lump of coal causing rupture; was sent to the Miners' Hospital at Fairmont, W. Va.; died on the 29th of October, 1913.

December 17, 1913.—Zebedee Mitchel, Miner, 21, American, Luella Mine, Luella Coal & Coke Co. After putting off a shot, while in act of shoveling coal, a pot of slate fell on him, crushing skull, breaking neck, crushing breast, died instantly.

January 9, 1914.—Frank Doco, Machine Runner, 37, Hungarian, No. 37 Mine, The Consolidation Coal Co. After cutting a standing post with an axe, he struck it with the axe, it fell, causing a lot of slate to fall upon him, causing death.

January 12, 1914.—Tony Keresvick, Miner, 28, Austrian, Dartmoor No. 4 Mine, Davis Coal & Coke Co. In mining a stump of coal, it gave way allowing it, along with a quantity of slate, to fall on him, crushing skull; died the same day.

Braxton County.

October 30, 1913.—Cyrus Hawkins, Driver, 22, American, Copen No. 11 Mine, Davis Colliery Co. Was riding front end of car; it struck a prop causing the roof to fall, killing him instantly.

March 25, 1914.—Bert Ore, Miner, 38, American, Copen No. 11 Mine, Davis Colliery Co. In going back too soon after firing a shot, the roof fell on him. Died three hours later.

May 20, 1914.—Mike Baker, Machine Helper, 33, Croatian, Bower No. 10 Mine, Davis Colliery Co. While scraping coal from machnie cut, coal fell on him, causing instant death.

June 25, 1914.—Guiseppi Logindice, Miner, 18, Italian, Bower No. 5 Mine, Davis Colliery Co. In taking tools from face of room, before shooting, when back 40 feet, about three tons of slate fell on him killing him instantly.

Brooke County.

July 17, 1913.—Nick Movish, Laborer, 21, Servian, Labelle Shaft, LaBelle Iron Works. Watching other workmen, who were taking down slate, he walked by them, when a large piece of slate fell on him causing death instantly.

August 12, 1913.—Joseph Sandusky, Coal Loader, 55, Polish, Locust Grove Mine, West Va.-Pittsburg Coal Co. After firing a shot in roof it did not fall, he returned to work under the loose material, when it fell, causing death.

May 27, 1914.—George Pecktovich, Coal Loader, 26, Servian, LaBelle Mine No. 4, West Va.-Pittsburg Coal Co. After knocking down a post, the slate came with it crushing a leg, severing an artery, causing him to bleed to death in 20 minutes after the arrival of the Doctor.

Clay County.

May 23, 1914.—Joe Zeilincho, Miner, 28, Polish, Rich Run Mine, Elk River Coal & Lumber Co. Caught by a fall of top coal which crushed body, causing death.

Fayette County.

July 7, 1913.—Peter Kessler, Driver, 24, Negro, Carlisle Mine, White Oak Fuel Co. Slate fell on him crushing breast and breaking neck; died instantly.

July 10, 1913.—Demeter Koulie, Miner, 27, Russian, Layland No. 8 Mine, New River & Poca Consolidated Coal Co. While at work, a piece of draw slate fell on him; was taken to McKendree Hospital, where he died on July 11, 1913.

July 11, 1913.—Joe Seizh, Miner, 35, Hungarian, Keeferton Mine, Solvay Collieries Co. Neglect of duty to take down draw slate, as he had been ordered, it fell on him, causing his death.

July 13, 1913.—Frank Hollis, Trackman, 36, Hungarian, Minden Mine No. 3, New River & Poca Consolidated Coal Co. While looking at men laying track, a horse back fell on him crushing body, causing death, along with Philip Maurendena.

July 13, 1913.—Philip Maurendena, Trackman, 23, Italian, Minden Mine No. 3, New River & Poca Consolidated Coal Co. While standing with Frank Hollis, horse back fell on him killing him with Frank Hollis.

July 25, 1913.—W. J. Sorrels, Miner, 30, Negro, Layland No. 1 Mine, New River & Poca Consolidated Coal Co. In riding on motor going to outside, he came in contact with the harp and wheel, on trolley pole, electrocuting him.

July 26, 1913.—Sam M. Peters, Mine Foreman, 46, American, Alaska Mine, Alaska Coal & Coke Co. While alone in engine house, outside, dynamite exploded, causing death.

July 31, 1913.—W. C. Cashion, Machine Runner, 37, American, Fort Defiance Mine, Fort Defiance Coal & Coke Co. Slate fell, catching him on machine, causing death same day.

August 9, 1913.—Frank Lewis, Miner, 27, Negro, Sugar Creek Mine, Sugar Creek Coal & Coke Co. After being cautioned to set a post and failing to do so, the slate fell on him causing death in a few minutes.

August 20, 1913.—Fred Kunkle, Miner, 35, German, Star Mine, The Star Coal & Coke Co. After measuring yardage, sat down near rib of coal, slate fell on him fracturing and dislocating spine, causing death same day.

August 25, 1913.—Phil Walker, Tippleman, 18, American, Mine No. 3, Boomer Coal & Coke Co. The coupler failing to couple cars at the top of incline, a car ran wild down into the tipple, striking the man Walker, who was then taken to Hospital but died about 10:30 P. M., after living 7 hours.

August 26, 1913.—Pat Malone, Miner, 45, Irish, Buck Lick Mine, Glendale Colliery Co. Leg broken, skull and jaw bone mashed by a fall of slate. Died instantly.

September 5, 1913.—Oat Baker, Driver, 35, Negro, Red Ash Mine, Scotia Coal & Coke Co. While riding on two mine cars, the rope broke, causing the accident, dislocating vertebrae, later causing death on Sept. 19, 1913.

September 15, 1913.—J. W. Doyle, Miner, 46, English, Minden No. 5 Mine, New River & Pocahontas Cons. Coal Co. After firing a shot at the coal face, returned to work before making an examination of the roof. In a few minutes the draw slate fell on and killed him almost instantly.

September 26, 1913.—Vito Tullio, Miner, 26, Italian, Layland Mine No. 3, New River & Poca Cons. Coal Co. Caught between mine car and post, as motor was pulling car out of room, crushing abdomen, causing death.

October 2, 1913.—J. C. Morgan, Miner, 35, American, Brown Mine, Brown Coal Co. While moving coal back from face of room, slate fell on him breaking neck, causing death.

October 2, 1913.—Joe H. Harland, Ass't Mine Foreman, 54, English, Kilsyth Mine, McKell Coal & Coke Co. While walking along entry slate fell on him injuring back and arm; was sent to McKendree Hospital; died on October 5, 1913.

October 16, 1913.—Henry Boggess, Miner, 31, American, Minden No. 3 Mine, New River & Pocahontas Cons. Coal Co. In knocking out a post that was supporting draw slate, seemed to have slipped, allowing the slate to catch him, causing death on the spot.

October 24, 1913.—John Genony, Miner, 32, Italian, Layland No. 3 Mine, New River & Poca Cons. Coal Co. While at work in No. 3 entry, slate fell on and killed him instantly.

October 24, 1913.—Amos Howell, Miner, 18, American, Kaymoor No. 1 Mine, The Low Moor Iron Co. of Va. Riding down the hill on a car; the rope parted allowing the car to descend and run over a cliff, the above person receiving such injuries that caused death in two hours.

October 24, 1913.—Elmer Butler, Miner, 25, American, Kaymoor Mine No. 1, The Low Moor Iron Co. of Va. Riding down the hill with Amos Howell; the rope parted allowing the car to descend and run over a cliff causing instant death.

November 3, 1913.—Wm. Fossett, Miner, 40, Negro, Westerly Mine, Solvay Collieries Co. In trying to board a mine car at the front end, lost his balance, fell under, mashed through stomach dying same day.

November 19, 1913.—J. A. French, Miner, 42, American, Dubree Mine, Rothwell Coal Co. Near working face, crushed by falling slate which caused suffocation. Dead when found.

November 24, 1913.—Wella Long, Driver, 25, American, Midvale Mine, Midvale Colliery Co. Fell off front of the car; was dragged quite a distance, shoulder lacerated, leg and ribs broken; sent to the Sheltering Arms Hospital; died Nov. 25, 1913.

December 5, 1913.—T. Lennox Powell, Trapper, 16, American, No.

2 North Mine, Boomer Coal & Coke Co. Jumped on the front end of a mine car; was caught between it and a post, crushing his skull; died about five hours afterward.

November 11, 1913.—Thomas Southern, Miner, 26, English, Minden No. 4 Mine, New River & Pocahontas Cons. Coal Co. While working at the face of his room, slate fell on him, fracturing his skull; bones in the face broken. Was taken to the Hospital at Hansford and died on the 8th of Dec., 1913.

December 8, 1913.—Peter Brown, Machine Runner, 33, Litvitch, Minden No. 4 Mine, New River & Pocahontas Cons. Coal Co. He had just started to cut room No. 2, 12th left; side jack slipped and machine skidded towards the coal face; caught deceased between coal and machine, causing instant death.

December 15, 1913.—Marion Adkins, Timberman, 55, American, Greenwood Mine, Greenwood Coal Co. In attempting to board a Monitor, fell under it and was run over, killing him.

January 15, 1914.—Andy Pyrek, Miner, 30, Austrian, Layland No. 1 Mine, New River & Poca Cons. Coal Co. While in the act of getting out of empty car, came in contact with trolley wire, killing him instantly.

January 17, 1914.—Louis Vysalvith, Miner, 25, Polish, Meadow Fork Mine, Meadow Fork Coal Co. In returning to face of room, after firing a shot, which knocked out several posts, slate fell on him fracturing skull, causing death same day.

January 19, 1914.—Dorris Cobb, Miner, 45, Negro, No. 2 Mine, Loup Creek Colliery Co. While slabbing a room pillar and finishing last cut, coal fell on him causing death same day.

January 22, 1914.—Watkin Turner, Miner, 21, Negro, No. 1 Mine, Beechwood Coal & Coke Co. While sitting down, head bent forward, bone coal fell on him; was conveyed to McKendree Hospital where he died the morning of Jan. 26, 1914.

January 26, 1914.—Charles Grant, Pumper, 37, American, Carlisle Mine, White Oak Fuel Co. While working on pillar of 3d right main entry, it liberated some slate and bone coal, which fell on him, killing him instantly.

January 26, 1914.—Kusna Zenewitz, Miner, 39, Russian, Layland No. 1 Mine, New River & Poca Cons. Coal Co. Was coming from work, stepped in front of a moving trip of cars which crushed arm and left leg, perhaps causing internal hemorrhage; while enroute to McKendree Hospital three hours later he died.

January 27, 1914.—John Sirroski, Miner, 28, Russian, Buffalo Mine. Ephraim Creek Coal & Coke Co. Outside, while walking on the outside of track, fell in front of electric motor which broke his neck, crushed chest and ankle, causing death same day.

January 31, 1914.—John Smith, Miner, 42, Polish, Lochgelly Mine, Stuart Colliery Co. While crossing over a trip of cars, came in contact with trolley wire; living when found but could not be revived and died shortly after the occurrence.

February 9, 1914.—John Stoken, Trackman, 23, Polish, Wingrove

Mine, White Oak Fuel Co. Was sitting on rib side of entry filling lamp; on leaving, stepped on track and came in contact with electric wire and was killed.

March 10, 1914.—Frank Crisit, Miner, 28, Slavish, No. 2 South Mine, Boomer Coal & Coke Co. While at work at the face of entry, slate fell on him, fracturing skull, causing death instantly.

March 13, 1914.—J. M. Whitlock, Miner, 62, American, Mine No. 1, Boomer Coal & Coke Co. While loading car, a piece of draw slate fell breaking ribs and causing injury to bowels, causing death instantly.

March 13, 1914.—Walter Whitlock, Miner, 19, American. While helping his father (J. M. Whitlock) was caught in the same accident; was taken to the general Hospital at Charleston, W. Va. where he died on March 23, 1914.

March 31, 1914.—Ewing A. Dorsey, Miner, 35, American, No. 1 Mine, Beechwood Coal & Coke Co. While tamping a hole, slate fell on him causing instant death.

April 23, 1914.—J. W. Tulley, Mine Foreman, 38, American. Was sitting in a locomotive; on getting out he came in contact with the electric wire, causing instant death. This accident occurred at the Sugar Camp Mine of the Sewell Colliery Co.

May 5, 1914.—O. J. Neff, Miner, 24, American, Cliff Top Mine No. 3, Babcock Coal & Coke Co. While at work undermining a slip in front of roadway, it gave way falling on him, causing death.

May 5, 1914.—Judge Crawley, Brakeman, 19, Negro, Dunloop Mine, Dunloop Coal & Coke Co. (Outside). In getting between cars came in contact with the electric wire. First aid worked an hour and forty minutes without restoring him to life.

May 11, 1914.—Mike Demechell, Miner, 22, Italian, Kilsyth Mine, McKell Coal & Coke Co. In attempting to crawl through an opening into an old breakthrough, a piece of slate fell on him causing death in a few minutes.

May 12, 1914.—Jake Carrol, Miner, 33, Italian, Buffalo Mine, Ephriam Creek Coal & Coke Co. While at work underneath the face of coal, slate fell breaking neck and back, causing death.

May 13, 1914.—Charles Smith, Miner, 46, Negro, Big Bend Mine, Big Bend Coal Co. While at work at face of room undercutting, a kettle bottom fell out and on him causing death.

June 1st, 1914.—George W. Smith, Motor Runner, 33, American, Glendale Mine, Glendale Colliery Co. An accumulation of gasoline in the motor pit, supposed to have been ignited by the deceased, caused death, being burned into a crisp.

June 8, 1914.—George Wills, Laborer, 19, American, Blume Mine, Blume Coal & Coke Co. (Outside) While acting in the capacity of a motor runner was starting towards the mine entrance; a trestle gave way, precipitating him about 50 feet; he was killed by the fall.

June 8, 1914.—Sam Cook, Driver, 34, Negro, (Outside), Blume Mine, Blume Coal & Coke Co. Was riding on empty car, at the time the trestle gave way, falling with motor and cars, about fifty feet, breaking his back, causing death.

June 24, 1914.—B. L. Waddy, Miner, 52, Negro, Buffalo Mine, Ephriam Creek Coal & Coke Co. While moving a loaded car from his room, attempted to open a door and fell in front of car which crushed his abdomen and caused death at once.

June 24, 1914.—John Berry, Brakeman, 19, American, Export Mine, Export Coal Co. Was riding on rear of motor; came in contact with electric wire, causing instant death.

June 25, 1914.—R. L. Lancaster, Ass't Foreman, 34, No. 1, A. Mine, Solvay Collieries Co. While giving instructions to a miner, a piece of slate fell on him dislocating his neck and fracturing skull, causing death.

June 25, 1914.—John Hall, Driver, 23, American, Prudence Mine, Prudence Coal Co. In attempting to board a moving trip of cars, fell under same, body being badly injured. Died on June 26, 1914.

June 26, 1914.—George White, Brakeman, 20, American, Minden No. 5 Mine, New River & Poca Cons. Coal Co. Instead of riding on the rear of trip of loaded cars, he was on top of the motor. A piece of slate dropped about 10 inches below the roof line, making the space too small to pass under; in consequence a compound fracture of his skull resulted in death.

Grant County.

December 1, 1913.—Domi Karp, Coal Loader, 40, Russian, Henry No. 22 Mine, Davis Coal & Coke Co. While assisting wireman on electric wire the current came on, causing his death.

Harrison County.

August 27, 1913.—Nick Chance, Miner, 40, Italian, Righter Mine, Righter Coal & Coke Co. After retiring from his room on account of putting off a shot, he heard a shot and thought it was his and he returned to his place; when in about 10 feet of his shot it exploded, crushing chest and stomach, causing death Aug. 28, 1913.

September 3, 1913.—Wm. E. Minear, Laborer, 15, American, (Outside), Calif Mine, Calif Coal Co. While excavating for a drum foundation fire clay fell on him, fracturing his skull, causing death.

October 31, 1913.—Sam Billott, Miner, 35, Italian, Grasselli Mine, Vincent Coal Co. While driving a cross cut thru a pillar and loading a car, slate fell on him breaking his back, and fracturing arm—He died Dec. 12, 1913.

Nov. 7, 1913.—John Bolish, Driver, 35, Austrian, Hutchinson Mine, Hutchinson Coal Co. In No. 12 room neck, second right butt heading, a horseback gave way very suddenly, without warning, fell on him and his mule, killing them both.

November 10, 1913.—Jack Olich, Brakeman, 30, Slavish, Marshall Mine, Marshall Coal Co. Was riding on front end of motor; was caught between motor and rib; seriously injured and died same day.

November 18, 1913.—Joe Zuzo, Miner, 31, Italian, No. 25 Mine, Consolidation Coal Co. Was tamping a shot in a hole; a piece of coal fell on him crushing breast and hip, resulting in his death same day.

December 9, 1913.—M. W. Smith, Trackman, 62, American, Harold Mine, Corona Coal & Coke Co. In breakthrough, separating No. 1 North heading and air course, top coal or roof fell on him injuring shoulder, forehead, arm, and left leg which resulted in his death at 5 P. M.

December 9, 1913.—Andria Gambudelli, Miner, 34, Italian, Harold Mine, Corona Coal & Coke Co. The same accident that caused the death of M. W. Smith caused the death of Gambudelli—Instantly.

December 11, 1913.—John W. Huffman, Miner, 43, American, No. 48 Mine, Consolidation Coal Co. In trying to weaken a stump of coal to make it fall, by using his pick, caused it to fall on him, killing him instantly.

January 3, 1914.—Powell Cottage, Miner, 28, Austrian, Righter Mine, Righter Coal & Coke Co. Was crushed by fall of slate and died instantly.

January 8, 1914.—Charles Schmidt, Miner, 39, German, Fowler No. 1 Mine, Templeton Coal Co. While at work near the drift mouth on main entry, undercutting coal, a fall of shale struck him, fracturing rib, piercing lung and causing death.

February 26, 1914.—Philip Curia, Coal Loader, 33, Italian, Mine No. 66, Consolidation Coal Co. While loading from bottom end of stump, where coal was crushed, it gave way, falling on him; killed instantly.

April 1, 1914.—Mike Olvaro, Miner, 25, Spaniard, Marshall Mine, Marshall Coal Co. Assistant Mine Foreman instructed the deceased to make a certain place safe. Instead of doing this, he cut a prop in two allowing the roof to fall on him causing death.

April 17, 1914.—Albert Slazok, Driver, 25, Slavish, Randolph Mine, Madeira-Hill-Clark Coal Co. Was kicked by his mule and squeezed between mule and coal and he died on April 25, 1914.

May 1, 1914.—Jim Centurione, Driver, 28, Italian, Althea Mine, Byron Coal Co. In attempting to cut off mule from trip of cars, fell and the front car ran over him, fracturing skull and causing internal injuries, resulting in death instantly.

May 19, 1914.—Tony Greco, Miner, 38, Italian, Mine No. 55, The Consolidation Coal Co. While taking down some head coal, beyond the line of posts, it started to fall; in trying to escape, he fell down striking his head on a car hook, crushing skull, causing his immediate death.

May 21, 1914.—Peter Stupo, Miner, 37, Italian, Harold Mine, Corona Coal & Coke Co. This man had always been very careful to keep his place well posted, but this time he failed, although the material was at hand for the purpose; this neglect caused the head coal to fall on him, causing serious injury from which he died same day at 1:30 P. M.

May 22, 1914.—George A. Gabbart, Miner, 34, American, Mine No. 65, The Consolidation Coal Co. While undercutting pillar stump it weakened the head coal, allowing it to fall on him, crushing him through body, death ensuing in a few minutes.

June 12, 1914.—Peter Demsic, Timberman, 27, Austrian, Mine No. 2, Hutchinson Coal Co. (Mt. Clare). After removing posts that supported some cross timbers the whole structure fell catching the deceased causing internal injuries resulting in death before he could be extricated.

June 17, 1914.—Geo. Bollovar, Coal Loader, 35, Slavish; while removing bottom, slate fell on him causing serious injury and paralysis of limbs; was taken to Miners' Hospital at Fairmont where he died June 17, 1914. No. 32 Mine, The Consolidation Coal Co.

June 30, 1914.—Frank Francis, Miner, 29, Austrian, Page Mine, Hygrade Coal Co. While at work in his place he encountered a clay vein. The place being narrow and not timbered, a large piece of roof slate fell on him causing his death.

Kanawha County.

July 26, 1913.—Robt. Hudnall, Driver, 48, American, Mine No. 104, Sunday Creek Co. While in line of duty, pushing a car into entry, slate fell on him, killing him instantly.

October 1, 1913.—F. W. Bradley, Miner, 29, American, Cherokee Mine, Cabin Creek Cons. Coal Co. While undermining a turn going into some pillar work, slate fell on him, fracturing skull, causing instantaneous death.

October 2, 1913.—Tom Murphy, Miner, 34, Negro, Carbon Splint Mine, Cabin Creek Cons. Coal Co. While at work in a place where there was considerable draw slate, which he neglected to move, a piece fell on him breaking his back, death resulting Oct. 3, 1913, at 6 A. M.

January 1, 1914.—Charles Farmia, Miner, 22, Italian. While acting without authority, he took the locomotive from place of keeping and started out with a trip of cars, that he had loaded; the locomotive and cars got away from him; he was caught between car and locomotive, legs crushed; was sent to the Sheltering Arms Hospital where he died from shock of operation Jan. 2, 1914.

January 7, 1914.—D. Domokos, Miner, 52, Hungarian, Mine No. 1, Kelly's Creek Colliery Co. Was coming out of mine; met the locomotive pulling in empties. In getting out of way of trip, was knocked down, two cars passing over him causing serious injuries; while enroute to Hospital he died.

January 16, 1914.—John Zakara, Coal Loader, 61, German, Ruby Mine, Cabin Creek Cons. Coal Co. While scrapping the bottom of No. 6 room, a piece of slate fell on him, causing death instantly.

January 28, 1914.—Harrison Morgan, Miner, 60, American, West Mine, Winifrede Coal Co. In getting off the rear of a mine car, got in the way of a team with cars that passed entirely over his body, crushing his chest causing death.

February 17, 1914.—Giles Furgeson, Miner, 38, Negro, No. 5 Mine, National Bituminous Coal & Coke Co. After having been repeatedly notified by the Mine Foreman to remove slate from top before another cut was made, his neglect to do this caused the slate to fall on him, crushing him seriously, resulting in death.

March 2, 1914.—W. A. Knapp, Coal Loader, 41, American, Mine No. 3, Kelly's Creek Colliery Co. In returning to his place of work to relight a shot that had not exploded, a piece of slate near the rib fell on him causing serious injuries; was taken to Sheltering Arms Hospital where he died March 13, 1914.

March 14, 1914.—George Turnbull, Miner, 48, Scotch, Berlin Mine, Wyatt Coal Co. While charging a hole in the bottom coal, the loose coal above fell on him, causing serious injury. Was taken to Sheltering Arms Hospital where he died on March 24, 1914.

April 30, 1914.—Harry Savage, Brakeman, 16, American, Shamrock Mine, Cabin Creek Cons. Coal Co. While attempting to get on the front end of the locomotive, as it came along, he fell down, the locomotive passing over his body, causing death in five minutes afterward.

May 19, 1914.—L. Vallerma, Coal Loader, 31, Italian, United Splint Mine, Cabin Creek Cons. Coal Co. While at the face of his working place, a piece of slate, about 500 pounds, fell on him, causing injuries from which he died immediately.

Fayette County (?) for accident.

May 19, 1914.—Charles Brookman, Coal Loader, 23, American, Mine No. 2 North, Cannelton Coal & Coke Co. After pushing car into his working place he went around to set the brake, while doing so a piece of coal fell on him, causing death the same day. This accident reported by company as being in Kanawha while tonnage for this mine is reported as being in Fayette Co.

June 3, 1914.—Charles Bonner, Machine Runner, 30, American, Horton No. 2 Mine, Wyatt Coal Co. While machine was cutting coal, slate fell on him, causing instant death.

June 12, 1914.—Ernie Hemmings, Miner, 31, American, Lewis Mine, Lewis Coal & Coke Co. While at room mouth entry No. 16 left, room No. 6, slate fell on him, killing him instantly.

Lewis County.

December 5, 1913.—James Vanscoy, Miner, 28, American, Polar Mine, Kroger Gas Coal Co. While at work on a stump of coal, when ready to load, he pushed his car beyond his usual working place, into a part that had been abandoned, where a piece of slate fell on him crushing his head and causing immediate death.

Logan County.

July 12, 1913.—Ledo Moore, Trapper, 14, American, Mine No. 7, United States Coal & Oil Co. In attempting to get to a door to open it for a trip of cars to pass, received serious injuries by a locomotive and three cars passing over him, causing his death about three hours after accident.

August 9, 1913.—John Chilolas, Coal Loader, 50, Russian, Mine No. 8, United States Coal & Oil Co. He was on his way out of the mine going home; in passing the locomotive he was called at to get into a breakthrough, as trip was coming. He did not stop, remained on track until loaded trip ran over him, fracturing skull. He died instantly.

August 12, 1913.—Harley Lambert, Brakeman, 17, American, Logan Mine, Logan Coal Co. While riding in to the mine on locomotive, came in contact with fuse block or trolley wire causing instant death.

August 12, 1913.—Josef Stoviak, Motorman, 28, Polish, Wilson Mine, H. T. Wilson Coal Co. Presumed that he was changing the direction of the trolley pole, thereby coming in contact with the wire. was found dead, presumably had been dead for 5 to 10 minutes. Forehead was burned.

October 8, 1913.—Millard Mans, Tippleman, 50, American, No. 1 Mine, United States Coal & Oil Co. While cleaning track under the tipple, three empty R. R. cars got away and bumped into the car, under which the deceased was picking coal, killing him instantly.

October 20, 1913.—H. H. Taylor, Miner, 45, English, Mine No. 2, Stone Branch Coal Co. Was drawing rib in No. 15 room, slate fell catching him, causing immediate death.

December 16, 1913.—Tamas Domtru, Coal Loader, 55, Roumanian, Mine No. 2, United States Coal & Oil Co. On his return to working place, just after a shot, did not examine the roof before going under; a piece of roof slate, 4 inches thick, 5 feet square, fell on him causing serious injury from which he died after three hours and thirty minutes

Dec. 28, 1913.—Hazel Morris, Pumper, 25, American, Mine No. 7, United States Coal & Oil Co. By coming in contact with a pump, sustained serious injury of lower abdomen, left thigh nearly severed. Dead when found, about 5:15 P. M.

January 8, 1914.—Pete Luse, Coal Loader, 22, Italian, Mine No. 1, United States Coal & Oil Co. Was drawing pillars when unsuspected fall of slate occurred, falling on him fracturing spine and ribs. Instant death.

February 3, 1914.—Fred Adkins, Pit Cleaner, 35, American, Mine No. 7, United States Coal & Oil Co. Was found lying beside a fly wheel; suppose to have ventured too near the fly wheel and was caught between the belt and wheel, causing his neck to be broken, besides other injuries, resulting in immediate death.

February 14, 1914.—John Columbus, Coal Loader, 38, Hungarian, Mine No. ?, United States Coal & Oil Co. After entering a small house used for a powder-house, outside the mine, in some manner the powder became ignited causing a violent explosion. He was blown some distance. He lived until they got him to the Hospital, where he died.

March 11, 1914.—Pete Hoza, Miner, 32, Hungarian, Sovereign Mine, Sovereign Coal Co. While loading a car, a fall of slate struck him, breaking his neck, causing death.

April 29, 1914.—Andrew Brunetta, 25, Miner, Italian, Mine No. 4, Main Island Creek Coal Co. While loading coal in No. seven opening a piece of slate fell, crushing him, causing instant death.

May 19, 1914.—Paul Shery, 35, Miner, Polish, No. 8 Mine, United States Coal & Oil Co. After lighting a shot, it seemed to not explode promptly; on his return to investigate, the shot went off and killed him instantly.

June 8, 1914.—Steve Korponey, 40, Coal Loader, Hungarian, Mine

No. 3, United States Coal & Oil Co. Was found lying on the track, dead; supposition that in trying to couple cars, he came in contact with trolley wire.

June 16, 1914.—John Cosma, 48, Coal Loader, Roumanian, No. 2 Mine, United States Coal & Oil Co. While working on a pillar, a fall of slate came and crushed him to death along with two others.

June 16, 1914.—John Chico, 25, Coal Loader, Italian, Mine No. 2, United States Coal & Oil Co. Was in the mine to set timbers for pillar drawing, when slate fell on him killing him and two others.

June 16, 1914.—John Loop, 31, Coal Loader, Roumanian, Mine No. 2, United States Coal & Oil Co. While setting timber in Mine, slate fell on him causing his death along with two others.

Marion County.

September 11, 1913.—Tom Vooksic, 30, Austrian, Mine No. 67, The Consolidation Coal Co. Having been detailed to set cross timbers in his working place, supposed to have loosened the prop, already standing, allowing the stone and slate to fall on him, fracturing skull and breaking back, causing death, along with John Munshea.

September 11, 1913.—John Munshea, 40, Italian, Mine No. 67, The Consolidation Coal Co. In preparing to set a long cross timber, they loosened a post supporting a cross timber, allowing it to rock over, striking the deceased, fracturing his skull, crushing chest, and causing internal injuries, resulting in death, along with Tom Vooksic.

September 19, 1913.—John Voidskey, 40, Coal Loader, Russian, Federal Mine, Federal Coal & Coke Co. While riding along with two cars down No. 20 East heading, did not apply brakes in time to slow up; the front car split the frog and caught deceased between car and corner of room causing serious injuries resulting in his death.

September 29, 1913.—Dominic Fumy, 23, Driver, Italian, No. 7 Mine, Jamison Coal & Coke Co. On nearing a frog, he attempted to set the brake; in swinging back too far his head struck the coal knocking him off the car, fracturing skull, causing instant death.

October 22, 1913.—Mike Raymond, 19, Brakeman, Italian, Mine No. 63, The Consolidation Coal Co. As locomotive was going into mine with empty trip, slate fell and struck him on head causing death.

October 28, 1913.—John Krovich, 32, Miner, Horwat, Federal Mine, Federal Coal & Coke Co. While descending the shaft, the brake refused to act, allowing the cage to go very rapidly; the engineer reversed his engine, which stopped the cage very suddenly, throwing the deceased to the floor of cage. He rolled off the floor and fell down the shaft, causing his death.

November 1, 1913.—Steve Persha, 38, Miner, Russian, No. 7 Mine, Jamison Coal & Coke Co. While trimming the roof of his working place, a portion gave way, striking him on the head, breaking neck, causing instant death.

November 10, 1913.—Walter Grove, 26, Tipple Foreman, American, No. 22-53 Mine, The Consolidation Coal Co. Was passing a moving trip of cars, going over a trestle and stepped to the side on the end of a tie which broke, precipitating him a distance of 22 feet, striking his stomach on a brace, breaking the brace and falling five feet further, to the ground, resulting in serious injuries, causing death twenty-one hours later.

December 10, 1913.—Andy Vargo, 40 Coal Loader, Hungarian, Stafford Mine, New Central Coal Co. When pushing car into his room which was down grade, he was going to the front end to set the brake; in doing so, he was caught between the face of coal and the end of car, causing serious injuries resulting in death Dec. 10, 1913.

December 29, 1913.—Earle Ford, 18, Snapper, American, Federal Mine, Federal Coal & Coke Co. Shot firer. Was shooting a breakthrough, causing a blown thru shot striking the deceased, crushing his lungs, he died before getting to the surface.

January 22, 1914.—J. W. Thomas, ? age, Machine Helper, Negro, No. 9, Mine, Jamison Coal & Coke Co. While at work, scraping, a piece of slate weighing about three tons fell on and killed him instantly.

February 6, 1914.—Hoge Kazee, 21, Motorman, American, Federal Mine, Federal Coal & Coke Co. While taking train of empty cars from side track following a like train, the deceased lost control of his train, causing a rear end collision catching him between locomotive and car. Was taken to Hospital and died at 3:15 P. M.

February 25, 1914.—Luther M. Perry, 29, Driver, American, Mine No. 43, The Consolidation Coal Co. While filling his lamp with carbide, a large piece of slate fell on him causing serious injuries which resulted in death March 7, 1914.

March 14, 1914.—Earl Hinerman, 24, Brakeman, American, Mine No. 22, The Consolidation Coal Co. Was riding on motor, got off to apply brakes on two rear cars. A car jumped the track, catching him between it and the coal, fracturing his skull, causing death.

March 18, 1914.—Tony Detrot, 28, Ass't Yard Master, Italian, Federal Mine, Federal Coal & Coke Co. While placing two rail road cars under the tipple, they could not be controlled and ran down and collided with some loaded cars, throwing the deceased to the ground between two cars and one of the front trucks passed over his body, causing serious injuries resulting in his death at the Miners' Hospital No. 3 at Fairmont at 1:35 P. M. same day.

March 23, 1914.—Chas. Pallagi, 30, Miner, Hungarian, Mine No. 24, The Consolidation Coal Co. After firing a shot, when within about 25 feet from the working face, a piece of slate fell on him killing him instantly.

March 23, 1914.—Pete Skirtic, 19, Driver, Austrian, No. 8 Mine, Jamison Coal & Coke Co. Had evidently been riding between two loaded cars; in attempting to apply a brake, he slipped off and was caught between the car and coal. Neck broken, chest crushed and dead.

March 30, 1914.—D. A. Haymond, 27, Brakeman, Negro, Federal Mine, Federal Coal & Coke Co. In attempting to apply the brake on a car going down grade, it ran in on a parting and jammed him between the car and corner of pillar causing serious injuries resulting in his immediate death.

April 6, 1914.—Frank Lazza, 25, Coal Loader, Italian, Mine No. 56, The Consolidation Coal Co. In taking a car into his place, the brake would not hold; in trying to get off of the front end, he was caught between car and coal mashing his chest, causing death April 10th, 1914.

April 30, 1914.—Andre Zahabill, 32, Coal Loader, Roumanian, Mine No. 7, Jamison Coal & Coke Co. While dropping an empty car into his working place, the brake seemed to not have the desired effect. He was caught between the car and face of coal causing internal injuries from which he died at the Miners' Hospital No. 3, May 2nd, 1914.

May 19, 1914.—Steve Shufranski, 42, Miner, Austrian, Mine No. 8, Jamison Coal & Coke Co. After shooting, began to load a car. A fall of slate occurred, catching him and his partner, fracturing the skull of the deceased, killing him instantly; his partner escaped with some injury only.

May 29, 1914.—Felix Russo, 36, Miner, Italian, Mine No. 38, The Consolidation Coal Co. In trying to escape from a fall of head coal and slate, he ran against a post which prevented his getting away, and was covered up, causing his death.

June 6, 1914.—Netsic Rabsawage, 30, Coal Loader, Russian, Mine No. 8, Jamison Coal & Coke Co. While loading a car, which was standing on a down grade, it, in some manner, got away, catching the deceased between the car door and coal, breaking his back, causing death.

June 6, 1914.—Mark Smiszek, 27, Miner, Polish, Mine No. 43, The Consolidation Coal Co. While loading a car from a small pillar, a fall of slate and head coal struck him on the back of head, breaking his neck, causing instant death.

Marshall County.

July 1, 1913.—Matt Jaster, 35, Coal Loader, Slavish, Hitchman Mine, Hitchman Coal & Coke Co. After firing a rib shot he went under the slate to remove some loose coal and while so doing, a large piece of slate fell on him, crushing him so badly that it caused his death.

October 13, 1913.—James Cook, 60, Miner, English, Benwood Mine, Wheeling Steel & Iron Co. While in the act of throwing a stone into the gob, a portion of the roof coal suddenly let go, falling on him causing instant death.

November 19, 1913. Jake Wysosky, 46, Coal Loader, Polish, Hitchman Mine, Hitchman Coal & Coke Co. While taking down some loose coal from the face of his room, a piece of draw slate fell on him, causing serious injuries which resulted in death.

February 6, 1914.—John Barkola, 27, Driver, Polish, Hitchman Mine, Hitchman Coal & Coke Co. While making a flying switch his leg was caught between two cars causing injuries which resulted in death.

March 27, 1914.—Frank Orbanek, 38, Coal Loader, Polish, Hitchman Mine, Hitchman Coal & Coke Co. In neglecting to post and remove draw slate before commencing to work, the draw slate fell on him, crushing his chest, was taken to Reynolds Memorial Hospital, dying on March 28, 1914, at 5:30 A. M.

McDowell County.

July 3, 1913.—John Leidt, 35, Miner, Italian, Mine No. 2, Houston Coal & Coke Co. While loading a car, a quantity of slate, about 16 feet long, 6 inches thick, fell on him, striking on his head, causing death.

July 3, 1913.—Sam Frustarch, 30, Miner, Italian, Mine No. 2, Houston Coal & Coke Co. While loading a car, a fall of slate came striking him on the head, causing death. This is the same accident as the preceding one.

July 7, 1913.—John Sharp, 28, Miner, American, Mine No. 1, New River & Pocahontas Consolidated Coal Co. Was working in No. 7 room, second South entry. A fall of rock crushed his body through chest. Neglect to set props, as ordered by the Foreman, caused this accident to which his death was due.

July 7, 1913.—Joe Robinson, 40, Miner, American. Was working in same place as Jno. Sharp and was killed under the same circumstances which you will find noted in the preceding accident. Body crushed in same manner.

July 15, 1913.—John James Waller, 43, Slate Boss, American, King Mine, King Coal Co. While looking over a blue print, with Mr. Alex London, a kettle bottom fell on them causing the death of both.

July 15, 1913.—Alex London, 51, Mine Foreman, English, King Mine, King Coal Co. While sitting down, in company with John James Waller, on 11th right off main heading, looking over a blue print, a kettle bottom fell on him killing him, along with Mr. Waller.

July 17, 1913.—Pete Pistol, 25, Italian, Roanoke Mine, Roanoke Coal & Coke Co. Was taking down some coal; a kettle bottom suddenly fell on him, fracturing skull, injuring chest, causing death.

July 17, 1913.—Clem Hughes, 20, Motorman, American, Nora Mine, Carter Coal Co. In neglecting to change switch, caused the locomotive to turn into a room that was too low, catching him between locomotive and roof, hilling him instantly.

July 25, 1913.—Earnest Rice, 17, Motorman, American, Mine No. 1, Carter Coal Co. Was sitting on locomotive waiting for a car to be loaded; a fall of slate came on him causing death.

July 28, 1913.—Joe Heymosh, 32, Water Bailer, Hungarian, Norfolk Mine, Pocahontas Cons. Collieries Co. Was working in room No. 1 off first right air course; a piece of slate fell on him crushing his skull; dead when found.

August 1, 1913.—Ben F. Moore, 28, Miner, American, Angle Mine, Poca. Consolidated Collieries Co., Inc. Was loading a car on No. 16 pillar when a quantity of slate fell on him crushing him through body, causing death.

August 10, 1913.—Henry Woods, —, Miner, Negro, No. 8 Mine, Carter Coal Co. (Outside). Was riding on motor trip when it wrecked. In jumping off, he fell under the cars causing several very serious injuries; was taken to Miners' Hospital at Welch, where he died on August 12, 1913.

August 11, 1913.—Lewis Everdson, 22, Miner, Negro, No. 1 Mine, Page Coal & Coke Co. After firing a shot, returned to his working place where slate fell on his back. Was placed in Miners' Hospital at Welch and died.

August 18, 1913.—Clarence Broyles, 11½, Trapper, American, No. 2 Mine, Keystone Coal & Coke Co. Was riding rear end of a loaded car when it struck a post, knocking it out, causing slate to fall on him, causing death.

August 18, 1913.—J. S. Perkins, 38, Miner, American, Big Sandy Mine, Solvay Collieries Co. Was either getting ready to load coal or set timber at mouth of No. 1 room off 5th cross, 13th left. A fall of slate came on him; was dead when found.

August 18, 1913.—William Mann, 20, Miner, American, Superior Mine, Superior-Pocahontas Coal Co. This was a non-fatal accident occurring in 1913, but omitted in that report as such. It appears that the victim was injured by a slate fall, breaking his back, however, he lived until June 16, 1914, having been treated at the Welch Hospital.

August 22, 1913.—Frank Turner, 20, Miner, American, No. 2 Mine, Cirrus Coal & Coke Co. Was sitting by the rib, 15 feet from face of No. 4 room on No. 3 entry when a lot of slate fell on him, causing immediate death.

August 23, 1913.—Claude Jackson, 23, Water Bailer, American, No. 2 Mine, Peerless Coal & Coke Co. Was eating his dinner while sitting on the locomotive; in raising up, his head came in contact with the trolley wire, killing him instantly.

August 27, 1913.—Leroy Cobbs, 19, Miner, Negro, Mine No. 2, Bottom Creek Coal & Coke Co. Engaged in cleaning up a place, (No. 5 room), preparatory to loading coal, when a slab of coal fell from the rib and caught him, causing internal injuries from which he died.

August 28, 1913.—Mack Kelly, 18, Miner, American, Mine No. 6, Carter Coal Co. While loading coal a saddle back or rock, weighing about three tons, fell on him breaking neck and back causing instant death.

August 29, 1913.—Mike Arco, 28, Miner, Italian, Elk Ridge No. 2 Mine, Elk Ridge Coal & Coke Co. Was loading coal in No. 3 pillar off No. 2 parting; a large kettle bottom fell on him killing him instantly.

September 1, 1913.—Wm. C. Money, 23, Miner, American, Mine No. 2, Bottom Creek Coal & Coke Co. While at work loading a car of coal, slate fell on him, fracturing his skull and causing death.

September 2, 1913.—John Pannel, 40, Miner, Negro, Rolfe Mine, Pocahontas Cons. Colls. Co., Inc. He was loading coal in No. 18 room A-3d entry near the out-crop; slate broke loose, falling on him, causing his death.

September 6, 1913.—Bob Webb, 14, Door Boy, American, Mohawk Mine, Mohawk Coal & Coke Co. (Outside). While lying asleep on track, just outside of the mine, the engineer going out did not discover door being closed; the engine crashed thru the door and ran over the boy, causing his death.

September 8, 1913.—America Scapoli, 31, Miner, Italian, Berwind Mine No. 2, New River & Pocahontas Cons. Coal Co. Was loading coal when a piece of slate fell on him crushing back and hips, causing his death.

September 10, 1913.—Harvey Caudell, 40, Miner, American, Mine No. 2, J. B. B. Coal Co. Was working at face of room No. 26 off 12th left; a piece of slate fell on him causing death in a very short time.

September 12, 1913.—Harvey. Crumpacker, 18, Flagman, American, Mine No. 3, Pulaski Iron Co. Was caught in a collision of mine cars at a switch, crushing his chest and he was killed instantly.

September 13, 1913.—Donnie Hudson, 25, Miner, American, West No. 1 Mine, Peerless Coal & Coke Co. Was working on pillar No. 67 when slate fell on him causing injuries of a serious nature, death claiming him one hour after reaching Hospital.

September 13, 1913.—Mike Zolkosky, 45, Miner, Polish, Turkey Gap Mine, Turkey Gap Coal & Coke Co. At work in No. 14 cross, No. 3 pillar; slate slipped from side of face falling on him causing death.

September 17, 1913.—Frank Mango, 25, Miner, Italian, Shamokin Mine, Pocahontas Consolidated Colls. Co., Inc. (Outside). In getting up on the locomotive that was standing still, his head came in contact with the electric wire and he was instantly killed.

September 17, 1913.—Jessie Robertson, 17, Miner, American, Mine No. 3, J. B. B. Coal Co. While at work clearing a slate fall, more slate fell which caught the deceased, breaking back and neck, causing immediate death.

September 20, 1914.—Jesse Baldwin, 22, Brakeman, Negro, Mine No. 2, Crozer Coal & Coke Co. Was going to the outside on light locomotive for a trip when slate fell on him, causing his death. This accident happened at the Tug River side of No. 2 drift going to No. 3 Mine.

September 30, 1913.—R. G. Wade, 26, Slateman, Negro, No. 1 Mine, Page Coal & Coke Co. He was clearing up No. 26 room, first cross, when slate fell on him, breaking back, causing his death.

September 30, 1913.—Herbert Napier, 20, Slateman, Negro, Mine No. 1, Page Coal & Coke Co. This man was along with R. G. Wade performing the same service, and was caught in the same accident, thereby causing his skull to be fractured, death following.

October 4, 1913.—Robert Daniel, 25, Driver, Negro, East Mine, Powhatan Coal & Coke Co. No reason is assigned for this accident other than he must have slipped and fell in front of his car after releasing the mule. His head was mashed, neck broken, and he was internally injured, causing death.

October 9, 1914.—Charley A. Myers, 55, Pillar Boss, American, Arlington Mine, Arlington Coal & Coke Co. He was drawing No. 2 pillar, off No. 12 entry, when slate fell on him, breaking his neck, fracturing skull, causing his death.

October 10, 1913.—Steve Vendo, 25, Miner, Italian, Mohawk Mine, Mohawk Coal & Coke Co. While engaged in his work, a horse back fell on him at face of coal, breaking neck and crushing chest, causing death.

October 16, 1913.—Pete Norman, 28, Driver, Negro, Norfolk Mine, Pocahontas Consolidated Collieries Co., Inc. This accident occurred at

No. 5 pillar, third cross entry. As he was bringing out a loaded car, it struck a post, knocking it down, allowing slate to fall upon him fracturing skull and breaking leg, from which injuries he died.

October 20, 1913.—Ross Turk, 19, Miner, Italian, Upland Mine, Upland Coal & Coke Co. Was going out of the mine on way home; in trying to board a loaded trip coming out, was caught between cars, breaking a leg and hip and he sustained internal injuries from which he died.

October 21, 1913.—Robt. A. Blevins, 17, Brakeman, American, Greenbrier Mine, Greenbrier Coal & Coke Co. Fell from locomotive and was run over by mine car inside of mine, mashing his chest, causing death.

October 21, 1913.—Frank Rizzo, 26, Pumper, Italian, Berwind No. 1 Mine, New River & Poca Cons. Coal Co. (Outside). Came in contact with a wheel on pump; clothing caught drawing his arm into the cogs, tearing left arm off at shoulder, causing death.

October 25, 1913.—Harrison Moore, 18, Brakeman, American, Thelma Mine, Carter Coal Co. Was sitting on front car of an empty trip. The locomotive started. He fell off and under car; truck of one car running over him fracturing skull, causing internal injuries; was sent to the Miners' Hospital at Welch where he died.

October 27, 1913.—Felix Wadruski, 36, Miner, Polish, No. 1 Mine, Peerless Coal & Coke Co. After shooting his coal, started to picking around same, and it fell on him mashing him thru body; lived until Nov. 7, 1913, and died.

October 29, 1913.—Bruno Rumjatum, 23, Tippleman, Italian, Keystone Mine, Keystone Coal & Coke Co. This man ran the machinery that operates the tipple. In some manner he was caught by the machinery, which pulled both legs out, causing instant death.

November 10, 1913.—Tony Misaferi, 22, Miner, Italian, Mine No. 1, J. B. B. Coal Co. While loading a car, slate gave way over him and fell, causing injuries from which he died.

November 10, 1913.—Edward Wilson, 32, Miner, English, Standard Mine, the Standard Poca Coal Co. Was putting in a breakthrough when a piece of slate fell on him injuring his back and left hip, causing his death instantaneously.

November 13, 1913.—Frank Gottus, 20, Miner, Italian, Tidewater Mine, The Tidewater Coal & Coke Co. While at work in room No. 7 off 14, off sixth North, a pot of slate fell on him crushing him to death; probably dead an hour before being found.

November 22, 1913.—M. A. Lyons, 21, Trackman, American, Mine No. 6-8, Pocahontas Cons. Collieries Co., Inc. The deceased had stepped from the track on the inside of a curve, a wrecked mine car, passing, was thrown against the coal, catching him, causing internal injuries from which he died.

November 24, 1913.—Clarence Sizemore, 17, Car Trimmer, American, New Poca Mine, New Pocahontas Coal Co. (Outside). He slipped from the front end of a rail road car going under tipple, falling in front of wheel which ran up on him, killing him instantly.

November 24, 1913.—Guiseppi Catalfano, 35, Miner, Italian, No. 5

Mine, United States Coal & Coke Co. While attempting to set a prop to secure a slab of coal, the slab fell catching the victim, causing serious injury and he died while on the way to No. 1 Hospital.

November 25, 1913.—John Kish, 39, Miner, Hungarian, No. 111, No. 7 Mine, United States Coal & Coke Co. While shoveling coal into a car, a piece of slate fell on the victim, killing him instantly.

November 29, 1913.—Lewis Bailey, 17½, Brakeman, Negro,Bottom Creek Mine, Bottom Creek Coal & Coke Co. While motorman was pulling a car from a room, the brakeman being behind the car, a large piece of slate fell, knocking out the props, killing Bailey.

December 3, 1913.—Joe Czenki, 37, Miner, Hungarian, No. 4 Mine, United States Coal & Coke Co. A kettle bottom 8' x 7½' x 18" thick fell out at face of his working place, on gob side of room, knocked out a post and crushed the victim, killing him instantly.

December 18, 1913.—Frank Salvador, 22, Laborer, Italian, No. 1 Mine, Page Coal & Coke Co. While cleaning up slate in No. 21 room, on 4th entry, a piece of slate broke off and fell on him, breaking his neck and crushing skull; he died immediately.

December 19, 1913.—John Mazza, 25, Miner, Austrian, East Side Mine, Peerless Coal & Coke Co. Slate men were removing a piece of dangerous slate; the prop had been taken out; the victim walked under and was killed.

December 19, 1913.—Louis Baley, 18, Brakeman, Negro. A mine car split switch, catching victim between car and post; left side badly crushed from shoulder to hip, resulting in death.

December 18, 1913.—L. F. Brown, 43, Ass't Mine Foreman, American, Delta Mine, Pocahontas Consolidated Collieries Co., Inc. Was riding on the locomotive when it ran on a piece of slate causing it to wreck; victim was either thrown or jumped off; both legs were caught under locomotive, breaking them, besides causing other injuries. He died on Dec. 20, 1913.

December 20, 1913.—Wasil Peet, 24, Car Cleaner, Roumanian, Pulaski Mine, Pulaski Iron Co. While engaged cleaning a drop bottom car, two other cars were set in motion by some unknown cause and collided with the one he was cleaning, causing him to fall through the opening in bottom; he was run over by car, crushing skull, causing instant death.

December 20, 1913.—Joe Dzredziez, 20, Miner, Polish, No. 7-1 Mine, Poca. Cons. Colls Co., Inc. While at work at the face of his room, some cars ran down and struck the car in his place, mashing him through chest; he was taken to Welch Hospital where he died on Dec. 22, 1913.

December 27, 1913.—Albert Gray, 27, Trackman, Negro, King Mine, King Coal Co. Was at work digging place for a cross tie; slate fell on him causing death.

December 27, 1913.—Ed Lindsey, 30, Slate Picker, Negro, Norfolk Mine, Pocahontas Cons. Collieries Co., Inc. (Outside). While going home on locomotive with two sacks of coal, he jumped off and fell under the locomotive fracturing skull, mashing body, causing death.

January 1, 1914.—Earnest Rutledge, 20, Miner, American, Thelma Mine, Carter Coal Co. While engaged pushing a steel mine car out of working place, he came in contact with a 250 volt trolley wire, causing death in five minutes.

January 1, 1914.—John Welch, 40, Miner, English, Thomas Mine, Flat Top Coal & Mining Co. Was loading coal when a piece of draw slate fell on him, causing injuries from which he died.

January 2, 1914.—James Partell, 22, Trackman, Greek, Lynchburg Mine, Lynchburg Coal & Coke Co. Was laying track on 14 entry when coal fell on him breaking leg and causing internal injuries. Died on January 4, 1914.

January 3, 1914.—Guiseppi Bottagla, 38, Miner, Italian, Elk Ridge Mine, Elk Ridge Coal & Coke Co. While in the act of putting up a post a large piece of coal fell from the face, near the top, striking him, knocking the victim down, crushing breast, causing immediate death.

January 9, 1914.—Aaron Phillips, 35, Trackman, Negro, King Mine, King Coal Co. While assisting his partner put in a switch, slate fell on him, crushing face and abdomen, resulting in death.

January 16, 1914.—Mike Smitko, 30, Miner, Hungarian, Mine No. 2, Houston Coal & Coke Co. Although advised by his partner that there was danger, he persisted in making undercut deeper when about two tons or more of coal fell on him causing death about 12:25 P. M., while waiting to be taken to Hospital.

January 17, 1914.—Sam Dice, 25, Laborer, Roumanian, Mine No. 11, United States Coal & Coke Co. While pulling down loose slate on the rib, a large piece in the form of a horseback fell on him crushing skull, victim dying instantly.

January 23, 1914.—Jas. Rose, 49, Trackman, American, Black Wolf Mine, Black Wolf Coal & Coke Co. Was cleaning up place in No. 4 drift; slate fell on him, breaking neck; he died same day.

January 23, 1914.—J. N. Wilburn, 44, Tracklayer, American, Mine No. 3, Premier Pocahontas Collieries Co. After leaving his work at noon, coming down entry to get his dinner bucket, slate fell on him fracturing skull, causing death.

January 31, 1914.—Sherman Adams, 20, Brakeman, American, Berwind No. 1 Mine, New River & Pocahontas Consolidated Coal Co. Presumably attempting to get on the locomotive on the entry, first left air course; fell in front of it; there being a curtain at that point, prevented the motorman from observation, crushing the victim's skull, death ensuing.

February 3, 1914.—Arthur Butler, 23, Drill Runner, Negro, Coalwood Shaft, Carter Coal Co. A loose rock fell from side wall of shaft, striking victim's head, causing death.

February 6, 1914.—Lorenzo Grammarasso, 24, Car Greaser, Italian, Mine No. 2, United States Coal & Coke Co. (Outside). In stepping off an empty car in motion, was caught between cars and fatally injured; was taken to Miners' Hospital at Welch where he died Feby. 7th, 1914, about 1 P. M.

February 9, 1914.—Zygmunt Szczepanski, 25, Driver, Polish, Mine No. 5, United States Coal & Coke Co. Attempting to persuade the mule to pull; it retaliated by kicking the victim in the right side of stomach, rupturing his liver; was taken to the Miners' Hospital at Welch where he died on Feby. 16, 1914.

February 18, 1914.—Vito Bellavia, 28, Slateman, Italian, Norfolk Mine, Pocahontas Consolidated Collieries Co., Inc. In preparing a post to put under slate, the slate fell killing him instantly. This accident occurred at No. 4 pillar second right entry.

February 18, 1914.—John Gomba, 25, Timberman, Slavish, Norfolk Mine, Pocahontas Cons. Collieries Co., Inc. While assisting Vito Bellavia to prevent some slate from falling, it fell, mashing head and body, killing him. This accident occurred No. 4 pillar 2nd right entry.

February 24, 1914.—Obe Dodson, 17, Tippleman, Negro, Pulaski Mine, Pulaski Iron Co. (Outside). Locomotive bumped empty cars causing them to wreck catching the victim under the car, crushing his chest; was sent to Miners' Hospital at Welch, where he died on Feby. 25, 1914.

February 24, 1914.—Nick Sawyer, 36, Pumper, American, Shaft No. 1, Carter Coal Co. Undertook to go down the shaft by holding on to the hoist rope; unable to hold, he fell to the bottom, about 400 feet, causing death immediately. Had been repeatedly warned to not enter in that manner.

February 26, 1914.—J. Millimatch, 33, Miner, Italian, King Mine, King Coal Co. While working at face of pillar, slate fell on him, breaking back, crushing chest, causing his death same day.

February 26, 1914.—Claude Haire, 34, Trackman, American, Piney Mine, Algoma Coal & Coke Co. The victim was coming out of the mine on the locomotive; in getting off at drift mouth, about 30 feet inside, fell in front of same, breaking his neck, crushing body, death ensuing.

March 2, 1914.—Monroe Walker, 41, Miner, Negro, Elk Ridge Mine, Elk Ridge Coal & Coke Co. While working in room No. 6, off main entry No. 1, a large piece of draw slate fell striking him on the back killing him instantly.

March 12, 1914.—Eva Carmelia, 16½, Laborer, Italian, McDowell Mine, McDowell Coal & Coke Co. (Outside). While riding empty mine cars, going from drift mouth to tipple, climbed over the front end of car and stepped in front; was knocked down and run over, crushing skull and chest, causing death.

March 14, 1914.—Augusto Armindo, 17, Trackman, Italian, No. 2 Mine, Cirrus Coal & Coke Co. While pulling spikes from track tie, a piece of slate fell on him, causing internal injuries from which he died March 15, 1914.

March 19, 1914.—Frank Bowles, 21, Slateman, Negro, Mine No. 2, Pulaski Iron Co. (Outside). Was unloading slate from cars. The locomotive was passing with a loaded trip when a wheel bursted or a flange broke, causing the car to wreck, catching the victim between the car he was unloading and the ties, crushing a leg above the knee; apparently no other injuries; was taken to the Welch Hospital and died about 9 o'clock that evening.

March 21, 1914.—Andy Procopchoc, 32, Miner, Slavish, No. 1 Mine, Crozer Coal & Coke Co. He fired a shot, it not having the desired effect, he commenced work under the coal, when it fell crushing lower part of body to such an extent that he died on way to Hospital.

March 24, 1914.—Steve Corneluk, 26, Miner, Russian, Delta Mine, Pocahontas Consolidated Collieries Co., Inc. After firing a shot, which failed of its purpose, he went to work to pick it down when it fell on him breaking his right leg; on June 3, 1914, he died.

March 31, 1914.—Selvia Tostum, 40, Miner, Italian, Cherokee Mine, Cherokee Cons. Collieries Co. At work drawing a stump of coal when a piece of slate fell on him causing injuries from which he died.

March 31, 1914.—Thomas Powell, 45, Miner, Italian, Indian Ridge Mine, Indian Ridge Coal & Coke Co. This accident caused by a fall of slate, which occurred in the above mine, bruising back, breaking nose and possibly causing internal injuries; was taken to the Miners' Hospital at Welch where he lived until the second day of April, 1914.

April 6, 1914.—James C. Mason, 29, Miner, Negro, Mine No. 2, J. B. B. Coal Co. Seems to have been in his room, which was 24 feet wide; about 6 feet from the face, a horse back fell out, striking the deceased, causing death.

April 7, 1914.—Tony Mike, 42, Miner, Bulgarian, Norfolk Mine, Pocahontas Consolidated Collieries Co., Inc. In going to get a drink of water from a bucket, a piece of slate fell on him, fracturing his skull; was transferred to the Hospital where he died the same day.

April 7, 1914.—Arthur Bailey, 19, Motorman, American, No. 2 Mine, Zenith Coal & Coke Co. While going along the entry with lumber, a piece of slate fell, striking him on the head, killing him instantly.

March 31, 1914.—Marden Hostin, 20, Brakeman, Negro, Mine No. 6-4, Pocahontas Consolidated Collieries Co., Inc. Was riding the bumpers of the front car which wrecked; he jumped off and started to run and his light was extinguished. He ran against the coal and the car caught his leg, breaking and mashing it. Was sent to the Miners' Hospital at Welch where he died April 9th, 1914.

April 8, 1914.—Nick Harriston, 61, Flagman, Negro, Mine No. 3, Page Coal & Coke Co. In trying to cross track in front of a moving car, to throw switch, stumbled, and fell down, the car passing over his leg. Was sent to the Miners' Hospital where he died April 9th, at 2 P. M.

April 13, 1914.—Peitro Violi, 20, Coal Loader, Italian, Mine No. 2, Pulaski Iron Co. Empty car was being placed in his room; when about 20 feet from face, it became derailed, knocking out a post, which struck him on the head causing concussion of brain; was taken to the Miners' Hospital and died April 15, 1914.

April 16, 1914.—John Romax, 35, Miner, Polish, John's Branch Mine, Johns Branch Coal Co. Was working at the face of room when a fall of slate occurred, crushing him, causing death.

April 16, 1914.—C. J. Lilly, 39, Machine Runner, American, Big Sandy Mine, Solvay Collieries Co. The machine ran off the frame; in trying to replace it, placed a pipe against the face and a bit of the machine; he then started the machine and the pipe flew back, striking him on the head, causing a depressed fracture of the skull; was taken to the Miners' Hospital No. 1, where he died April 17, 1914, at 2 A. M.

April 21, 1914.—Solomon Willis, 45, Miner, Negro, Upland Mine, Upland Coal & Coke Co. Working No. 40 pillar on No. 18 cross entry, No. 1 Mine, while in a stooping position some coal and slate fell on him and killed him.

April 24, 1914.—Thomas Farmer, 28, Miner, Negro, Tidewater Mine, Tidewater Coal & Coke Co. Killed by a mine car, April 24, 1914.

April 25, 1914.—W. H. Sturtevant, 35, Repair Man, American, Mine No. 1, United States Coal & Coke Co. (Outside). Doing some work on a pipe; he was standing on a platform; some blocks were released that held up the pipe, the timber breaking, allowing the victim to fall down the shaft, fracturing his skull, causing death.

April 29, 1914.—Santino Natichione, 27, Miner, Italian, Shamokin Mine, Pocahontas Cons. Collieries Co., Inc. Timbermen were working in victim's place, setting props. He went to corner of stump and began to work. Draw slate fell on him, fracturing his skull, mashing body, killing him instantly.

April 30, 1914.—Merrick Andrew, 38, Miner, Russian, Empire Mine, The Empire Coal & Coke Co. In passing the side of the car he had just placed for loading, a piece of slate fell on his left leg, nearly severing it just below the knee; was taken to the Miners' Hospital at Welch where he died at twelve o'clock that night.

May 1, 1914.—A. J. Crawford, 54, Miner, American, Virginia Mine, Kimball-Pocahontas Coal Co. It seems that the victim had fired a shot and returned to his place, preparing to work, when a piece of slate fell on him injuring his skull; was taken to the Welch Hospital where he died the next morning about 7 o'clock.

May 8, 1914.—James Hester, 30, Miner, Negro, Norfolk Mine, Pocahontas Consolidated Collieries Co., Inc. While slabbing the entry after firing a shot, a fall of slate came on him fracturing his spine. He died on May 12th, 1914.

May 12, 1914.—E. W. Thompson, 27, Miner, American, Mine No. 4, J. B. B. Coal Co. By not obeying instructions from the Ass't Mine Foreman : "To set props in his place," and instead of doing it then, firing two shots, on his return to his room, a piece of rock or slate, 8 feet by 20 feet by one foot thick, fell on him, causing his death.

May 16, 1914.—Richard Tambar, 28, Machine Runner, Hungarian, Mine No. 1, Davy-Pocahontas Coal Co. Was backing his machine out of first cross air course; some slate fell catching his head against the machine, crushing head which caused death.

June 1, 1914.—Wiley Norman, 35, Slateman, American, Northfork Mine, Algoma Coal & Coke Co. While cleaning up some slate, a fall of slate came upon him breaking leg and causing internal injuries. He died from the effects.

June 4, 1914.—John Scott, 17, Backhand, Negro, Virginia Mine, Kimball-Poca Coal Co. This accident was caused by a slip in slate, about 12 inches of face in last breakthrough of No. 19 room, striking the deceased on the head, fracturing skull, breaking leg and possibly dislocating his neck, causing his death.

June 5, 1914.—Joe Doushon, 55, Miner, Slavish, Mine No. 1, Crozer

Coal & Coke Co. While picking at a large lump of coal, it fell over on him crushing his body, causing death. The lump had about six tons in it.

June 9, 1914.—Geo. Sexton, 19, Bratticeman, American, Mine No. 4, J. B. B. Coal Co. Was in the second car from locomotive, not in motion and he came in contact with the electric trolley wire; died in a few minutes afterwards.

June 13, 1914.—Pete Takach, 30, Miner, Hungarian, Rolfe Mine, Pocahontas Cons. Collieries Co., Inc. The motorman pulled car from this man's working place, 80 or 90 feet from face of coal, where he was working; the car struck two props knocking them out and allowing some small particles of slate to fall. The victim had followed the car to this point and was throwing out some slate when a large piece fell on him causing his immediate death.

June 19, 1914. John Thomas, 45, Miner, Hungarian, Mohawk Mine, Mohawk Coal & Coke Co. While finishing up a car just about loaded, coal and slate fell, crushing right side, breaking ribs and causing internal injuries resulting in death shortly afterwards.

June 20, 1914.—Thomas McKiner, 16, Door Boy, American, Gilliam Mine, Gilliam Coal & Coke Co. Was walking on track, inside of mine, failing to observe the approach of a trip of loaded cars and was run down by them, one car passing partly over him, crushing his hips and fracturing both legs, causing death.

June 22, 1914.—Sam Epperson, 21, Brakeman, Negro, Angle Mine, Pocahontas Consolidated Collieries Co., Inc. This man was riding the front end of a loaded mine car being pushed by a locomotive. He, in some manner, lost his balance and fell, the car running over him; skull fractured, both legs broken and received internal injuries, causing his death.

Mercer County.

July 14, 1913.—Paul Jackson, 16, Doorboy, Negro, Tug River Mine, Mill Creek Coal & Coke Co. Went to sleep and failed to open the door, causing the trip of cars to wreck, pressing the victim against the side of coal, mashing his body, fracturing leg; died some hours afterward.

August 4, 1913.—Mike Dolokore, 35, Slateman, Slavish, Booth-Bowen Mine, Booth-Bowen Coal & Coke Co. Was making a place safe for miner; after shooting the slate, returned to the place before smoke had cleared; seems to have been pulling on a loose piece of slate which fell on him, killing him instantly.

August 5, 1913.—**John Moran, 19, Brakeman,** American, West Fork Mine, Mill Creek Coal & Coke Co. While on a trip of empty cars, they wrecked; in jumping off, was caught and the entire trip passed over him fracturing skull and breaking both legs, causing death.

August 3, 1913.—Irvin Galligher, 20, Miner, American, Booth-Bowen Mine, Booth-Bowen Coal & Coke Co. This accident caused by a piece of slate falling on deceased. Injured internally, causing his death.

August 25, 1913.—Robt. L. Tankersly, 24, Miner, American, Louisville Mine, Louisville Coal & Coke Co. After firing a shot, failed to examine roof before starting to load car and slate fell on him, crushing back and abdomen, causing death.

September 6, 1913.—David Stanger, 16, Laborer, American, Mill Creek Mine, Mill Creek Coal & Coke Co. (Outside). Was letting a rail road car out from under the tipple; the brake staff broke throwing him in front of the car which crushed his legs, requiring amputation; death resulted on Sept. 8, 1913.

October 22, 1913.—Leonard Reed, 17, Brakeman, American, Mine No. 1, Thomas Coal Co.. (Outside). While attempting to get on a car that was coming towards him, was crushed between two cars, fracturing skull, causing death.

January 12, 1914.—Thomas B. Franklin, 33, Motorman, American, Tug River Mine, Mill Creek Coal & Coke Co. While standing at the turn of new main and second North entry, one of the empty cars passing became derailed, knocking out a post, allowing the top coal and slate to fall on the victim, causing severe injuries; was taken to Miners' Hospital at Welch where he died on January 13, 1914.

March 19, 1914.—Joe Mekoli, 45, Driver, Slavish, Buckeye Mine, Buckeye Coal & Coke Co. In getting off car to sprag a wheel, he missed it; following up the car in his attempts to sprag it, was caught in a close place the car rolling him, causing injuries which resulted in his death at the Miners' Hospital at Welch.

April 10. 1914.—Alex Bense, 45, Miner, Hungarian, Hiawatha Mine, Ennis Coal Co. The victim had fired a shot and it did not prove satisfactory; while attempting to cut under the coal to make it fall, the coal toppled over on him crushing thigh and causing internal injuries from which he died two hours later.

May 12, 1914.—Pete Strugar, 22, Miner, Montenegrin, Mine No. 2, Louisville Coal & Coke Co. A loaded car squeezed him against the face of coal, crushing left breast, causing death.

May 25, 1914.—J. H. Nicewander, 52, Miner, American, Caswell Creek Mine, Pocahontas Consolidated Collieries Co., Inc. Was loading car with coal; a piece of coal fell, knocking him against the car breaking his neck, death following.

Mingo County.

August 15, 1913.—Vincenzo Casentino, 20, Shot Firer, Italian, Mitchell Branch Mine, Red Jacket Cons. Coal & Coke Co. In jumping out the front end of locomotive onto track, was run over by it, crushing his body, causing death.

August 29, 1913.—Elliott Varney, 23, Shot Firer, American, Red Jacket Jr. Mine, Red Jacket Jr. Coal Co. Was conveying some powder in a wooden box on a truck; stopped under a temporary connection of the cable; the lid was not on the box; the cable connection sparked and caused the powder to explode, burning his face and body; was taken to the Miners' Hospital at Welch. He died the following day, August 30, 1913.

September 8, 1913.—John Mauder, 35, Coal Loader, Hungarian, Mitchell Branch Mine, Red Jacket Consolidated Coal & Coke Co. On his way out of the mine going home, a trip of loaded cars was on the track; a trip of empties, while passing, caught him between the two trips and electric wire, crushing his chest and he was burned by the wire, causing his death.

November 20, 1913.—Patsy Sita, 21, Brakeman, Italian, Mine No. 1, Red Jacket Jr. Coal Co. A loaded car, getting away, ran the victim down as he was walking towards the switch, in the center of track, towards some others cars; his head was caught between bumpers of two cars and crushed, causing his death.

December 30, 1913.—Alex Shramco, 26, Coal Loader, Slavish, Mine No. 3, Thacker Coal & Coke Co. While making a cable connection he came in contact with live wire and died same day.

· January 2, 1914, Buck Bailey, 26, Coal Loader, American, Howard Mine, Howard Colliery Co. Was loading coal at working face, slate fell on him causing serious injury; was taken to the Welch Hospital where he died January 4, 1914, at 3:30 A. M.

January 15, 1914.—Grant Scott, 35, Machine Runner, Negro. While at work with a puncher machine slate fell striking him over the eye, knocking him back on the machine which kept in motion striking him in the stomach, breaking his back. He was placed in the Hospital at Welch and died on the 23d day of January, 1914.

January 26, 1914.—Mike Twenya, 37, Coal Loader, Hungarian, Grapevine Mine, Red Jacket Consolidated Coal & Coke Co. (Outside). While riding up the incline in a car the barney left the track turning the car crosswise and it rolled back down to the tipple, breaking his shoulder, fracturing leg and causing other injuries; he was taken to the Welch Hospital where he died that evening at 9:30.

March 15, 1914.—Toney Fucillio, 38, Laborer, Italian, Glen Alum Mine, Glen Alum Coal Co. (Outside). In taking a boiler through a door, to set it, the victim on the outside put his head in the door and the boiler rolled, catching his head, causing instant death.

April 21, 1914.—Jack Armstrong, 21, Coal Loader, American, Howard Mine, Howard Colliery Co. Was loading coal in No. 8 room off No. 1 air course; a large piece of slate fell on him crushing skull, breaking back, causing his death.

May 28, 1914.—Hiram Townsend, 45, Miner, American, Mine No. 5, Williamson Coal & Coke Co. Walked into next room on returning to his own place, was caught by a fall of slate, crushing him so as to cause death.

June 1, 1914.—Rossa Olieva, 26, Miner, Italian, No. 10 Mine Thacker Coal & Coke Co. Was loading coal between No. 2 and No. 3 rooms on 4th entry. A piece of slate fell catching the deceased, causing death.

June 10, 1914.—James Wolstenholme. 40, Trackman, English, Naugatuck Mine, Jas. R. Shanklin Coal Co. While setting timbers in room No. 4 on the 7th entry, a rock dropped out of the roof falling on him causing death instantly.

June 12, 1914.—Frank Glowata, 25, Laborer, Italian, Howard Mine, Howard Colliery Co. (Outside). Was working on grade; instead of walking to work as usual, got on the side of empty monitor; the loaded one, coming down, struck him, as the two passed, killing him instantly.

June 30, 1914.—James Collins, 28, Shot Firer, American;

June 30, 1914.—Ben James, 29, Trackman, Negro;

June 30, 1914.—Henry Lyons, 22, Machine Runner, American;

June 30, 1914.—Marion Lyons, 19, Machine Helper, American;

June 30, 1914.—Grover C. Seabott, 23, Shot Firer, American; Cinderella Mine, Sycamore Coal Co. The fan house caught fire which, in turn, fired the timbers in drift mouth igniting the coal and the fumes and smoke were forced into the mine asphyxiating the above named persons.

Monongalia County.

August 20, 1914.—Mike Mehalick, 44, Miner, Slavish, Mine No. 5 Elkins Coal & Coke Co. Was working No. 11 pillar first right off first face heading; fired a shot which loosened the slab of rock, while cleaning a place for a post the rock fell on him killing him instantly.

Dec. 10, 1914.—John Scutalli, 24, Laborer, Italian, Richard No. 1 Mine, Elkins Coal & Coke Co. Was riding the front end of locomotive, legs hanging over; ran into a loaded car that was off the track at room No. 2, 15th butt, first flat. He was crushed between the locomotive and coal car, receiving injuries that caused his death.

February 13, 1914.—Dominic Furcerina, 27, Miner, Italian, Richard No. 1 Mine, Elkins Coal & Coke Co. Outside. While filling a five pound flask from a keg of powder, a small stool that supported his lamp while doing this, upset igniting some powder that was on the floor of the outhouse causing both flask and keg to explode, resulting in serious burns that produced death at the Miners' Hospital February 18, 1914.

Ohio County.

July 31, 1913.—John Kish, 38, Miner, Austrian, Richland Mine, Richland Coal Co. Was about to take down stone on left of room neck. His partner told him not to go under and held him by the sleeve but he jerked loose and walked under the stone; at that moment it fell and killed him instantly.

August 12, 1913.—Mike Dascalhais, 25, Miner, Greek, Richland Mine, Richland Coal Co. While taking down a piece of coal with a pick, the slate fell on him, killing him immediately.

November 29, 1913.—John Shenski, .27, Driver, Polish, Elm Grove Mine, Elm Grove Coal Co. He was coming down main entry, along with four other men in a car; from information obtained by the coroner, he must have raised his head and came in contact with a cross timber, causing death the same day.

March 5, 1914.—George York, 27, Driver, Austrian, Richland Mine, Richland Coal Co. A car became derailed before noon catching him between car and rib, rolling him, crushing him through hips and he died in the evening.

March 9, 1914.—John Reshitar, 38, Coal Loader, Croatian. While in room No. 8, second West, pulling coal back, a stone fell on him, causing death.

Preston County.

September 16, 1913.—Pearl Wheeler, 18, Motorman, American, Cascade Mine, Preston County Coke Co. Was sitting on locomotive talking to two other men; slate fell on Wheeler breaking his back; was taken to Miners' Hospital No. 3, Fairmont, at which place he died Dec. 26, 1913.

December 4, 1913.—Joseph Banard, (or Domenecko Damin), 23, Miner, Italian, Mine No. 4, Elkins Coal & Coke Co. Was loading coal in No. 14 room; a fall of bone and top coal came crushing head and breaking right leg from which death resulted.

January 5, 1914.—Gaspare Torrone, 27, Car Trimmer, Italian, Mine No. 6, Elkins Coal & Coke Co. (Outside). While standing on the rail road car, attending to the loading, an engine bumped the loads against this car, throwing him off and between cars, one pair of wheels passed over both legs, which resulted in his death.

January 2, 1914.—Peter Smith, 32, Machine Runner, Polish, Vulcan Mine, Hiorra Coke Co. Was operating a puncher machine, failing to place a safety prop, before commencing work, the loader started to place the prop on opposite side of room, the slate fell on Smith breaking ribs and back; was sent to the Miners' Hospital at Fairmont. He died on January 24, 1914.

February 20, 1914.—Lawrence Henry, 31, Miner, American, No. 1 Mine, Preston Fuel Co. Was trimming the sides of heading in order to place steel timbers at the bottom of shaft; some coal and rock were hanging which gave way, falling on him, killing him instantly. He had been officially warned of this danger before going under it.

June 27, 1914.—Archie Brown, 20, Miner, American, Tunnelton Mine, Somerset Smokeless Coal Co. After firing two shots, and getting ready for the third, the bone coal fell on him causing a fractured skull and internal injuries from which he died.

Putnam County.

February 26, 1914.—Pat Nash, 48, Miner, American, Plymouth Mine, Plymouth Coal & Mining Co. He was taking down a standing shot at face of his room; the coal fell striking him causing internal abdominal injuries and he died on the way to Hospital.

March 27, 1914.—Joseph B. Null, 48, Miner, American, Mine No. 3, The Otto Marmet Coal & Mining Co. A hanging shot; in attempting to take down the coal, it fell on him; was not found until a little time after the accident and was dead.

Raleigh County.

July 25, 1913.—R. L. Bryant, 18, Brakeman, American, Stotesbury No. 5 Mine, E. E. White Coal Co. Riding between cars in the mine; the rear car derailed and he fell off car catching his head against a prop, breaking neck, crushing head, causing death.

July 30, 1913.—Harry Daniels, 26, Miner, American, Mine No. 6, Raleigh Coal & Coke Co. While setting a post on entry, slate fell on him, crushing breast, breaking a leg and causing his death.

August 15, 1913.—Mike Flag, 24, Brakeman, Negro, Stotesbury Mine, E. E. White Coal Co. Was riding front end of a car; he fell off in front of the cars and they ran over him; legs broken, neck broken, head mashed resulting in death.

August 18, 1913.—W. J. Pagett, 28, Miner, American, Mine No. 3, Slab Fork Coal Co. At work under a kettle bottom which fell on him. Back and abdomen crushed; died that evening at 7 o'clock.

August 26, 1913.—Stephen Gyrkas, 28, Miner, Hungarian, Bailey-Wood Mine, Bailey-Wood Coal Co. Was undercutting with a pick, under about 18 inches; a large slab of coal fell from the face, crushing him to death.

August 30, 1913.—Robert Armstead, 33, Miner, American, Big Stick Mine, Pemberton Coal & Coke Co. Had gone into entry, off room No. 32, with a miner; in going towards the face of entry, a miner on the other side fired a shot which broke through on entry striking the victim in his face and breast causing his death, after going to the McKendree Hospital.

Aug. 30, 1913.—Gray Sounders, 23, Brakeman, Negro, MacAlpin Mine, MacAlpin Coal Co. This was a gathering locomotive, which came in collision with the larger locomotive. He either jumped or was thrown off, both locomotives passing over him, killing him at once.

September 18, 1913.—Raleigh Harrah, 25, Motorman, American, Eccles No. 3 Mine, New River Collieries Co. While in charge of haulage locomotive, hauling coal from the East and North entries, had taken out a trip of empties; on returning to the shaft bottom, the motor became derailed on a heavy grade, throwing the deceased against the coal, breaking his back and causing internal injuries, resulting in death.

September 24, 1913.—Joseph Bajot, 23, Miner, Slavish, Mine No. 3, Winding Gulf Colliery Co. A mine car striking a prop, displacing it, caused slate to fall on him from which injury he died.

September 25, 1913.—Joseph Evak, 43, Machine Helper, Russian, Mine No. 1, MacAlpin Coal Co. While riding on front of machine, a self propeller, his clothes caught in the chain of machine, pulling him under it, receiving injuries which caused his death on Sept. 26th, at the McKendree Hospital.

October 4, 1913.—Ludwig Mitzka, 30, Lithuanian, Bailey-Wood Mine, Bailey-Wood Coal Co. In taking a car into his room, the track being on a down grade, did not apply the brake soon enough. He, being on the front end, came in contact with the coal at the face, crushing his head, resulting in his death.

October 27, 1913.—Dave Kidd, 25, Miner, American, Mine No. 6, Slab Fork Coal Co. At work digging coal; a large piece of slate, called a kettle bottom, fell on him mashing chest, back and head and he died at once.

November 25, 1913.—Joseph Munroe, 68, Miner, American, Tams Mine, Gulf Smokeless Coal Co. A loaded car getting away on a grade ran into deceased, knocking him through a trap door, breaking neck along with other injuries; death was instantaneous.

November 28, 1913.—Richard Cubbidge, 49, Miner, English, Mine No. 3, Slab Fork Coal Co. Was at work putting in cut, a piece of slate, 6 feet by 3 feet by 5 inches thick, fell on him crushing his head, death followed.

November 29, 1913.—Frank White, 19, Miner, American, Marsh Fork Mine, Marsh Fork Coal Co. In taking out coal from an undercut, the draw slate fell upon him inflicting contusions of head and various other injuries; died at 10:40 P. M.

December 16, 1913.—Geo. Robbins, 17, Trip Rider, American, Glen White Mine, E. E. White Coal Co. Was riding on front of motor; jumped off in front of same, fell down and before he could recover himself, was caught by locomotive and crushed so as to cause death.

January 12, 1914.—Fivragelo Cinandellie, 42, Miner, Italian, Tamroy Mine, McKell Coal & Coke Co. In going from room No. 29 to second West entry, slate fell on him causing death in thirty minutes.

January 21, 1914.—Joe Volwolsky, 37, Miner, Polish, Mine No. 2, The Winding Gulf Colliery Co. While working, he was instructed to place a post under some overhanging slate; failing to do so at once, it fell striking him across the back, causing partial paralysis; was taken to McKendree Hospital where he died February 2, 1914.

February 5, 1914.—Paul Casseo, 22, Miner, Italian, Beckley Slope Mine, Beckley Coal & Coke Co. Just starting to work at the face of his room when a piece of slate, 8 feet by 5 feet by 8 inches thick, fell on him breaking his neck, causing death.

February 16, 1914.—Fred Jarvis, 27, Brakeman, American, Eccles Mine No. 6, New River Collieries Co. While attempting to replace an empty car on the rails, his head came in contact with the wire and he was electrocuted.

March 12, 1914.—Ambrose Shrewsberry, 32, Miner, American, MacAlpin Mine, MacAlpin Coal Co. He was loading a car with coal; when about half completed, the scotch or block that held the car in place was displaced in some manner, allowing the car to run back, squeezing the victim between the car and face of room, causing his death in about half an hour.

March 14, 1914.—Jno. Elliot, 47, Miner, Negro, Mine No. 4, Sullivan Coal & Coke Co. After firing a shot, he returned to his place of work; a large piece of slate fell on him breaking his neck and mashing body, death following.

March 30, 1914.—Joseph Henson, 24, Miner, American, Graham Mine, McKell Coal & Coke Co. While working at face of 5th right entry slate fell on him crushing his head, causing his death.

April 6, 1914.—John Draulot, 26, Miner, Polish, Lynwin Mine, Lynwin Coal Co. While escaping from a fall of slate he ran against a mine car causing him to fall allowing the slate to catch him, killing him instantly.

April 14, 1914.—Leo Dominick, 30, Miner, Italian. Had been taking down slate, cleaning up a big fall, when some slate fell on him breaking his neck, body badly bruised, dying instantly.

April 26, 1914.—John R. Harris, 18, Trip Rider, American, Mine No. 3, Raleigh Coal & Coke Co. Was riding on locomotive; pushing car into mine; the car wrecked, knocked out a post, letting slate fall on him, causing death.

April 26, 1914.—Joe Bennett, 17, Motorman, American, Mine No. 3, Raleigh Coal & Coke Co. Was pushing a mine car with locomotive into the mine; the car wrecked, knocking out a post, allowing the slate to fall, killing him along with the trip rider above mentioned.

April 27, 1914.—Raimond Markes, 42, Miner, Hungarian, Mine, No. 4, Gulf Coal Co. While making a cut, coal fell on and killed him, by crushing his head and chest.

April 28, 1914.—Abbott, A. A., 25, Machine Runner, Negro, Eccles No. 5 Mine, New River Collieries Co. Came to his death from a gas and dust explosion, together with the following named persons: Adams, John, 30, Miner, American; Akers, Boyd, 20, Motorman, American; Akers, W., 19, Timberman, American; Bailey, W. W., 37, Coal Loader, Negro; Bailey, M. B., 47, Trackman, American; Basham, H. T., 22, Coal Loader, American.

Eccles No. 6, Bennett, John, 26, Car Dropper, Polish.

Eccles No. 5, Bobitt, Alfred, 18, Brakeman, Negro.

Eccles No. 6, Bostwick, Robt., 22, Motorman, American, who lived until May 16, 1914.

Eccles No. 5, Bozata Simon, 25, Miner, Austrian; Brown, Judge, 28, Driver, Negro.

Eccles No. 6, Broughman, A. W., 41, Electrician, American.

Eccles No. 5, Bulash, Andy, 32, Miner, Lithuanian; Botusa, Sam, Age? Occupation? Nationality? Cadle, James, 45, Fire Boss, American; Cadle, Earnest, 18, Motorman, American; Cadle, Clarence, 16, Trapper, American; Campbell, Tony, 25, Machine Runner, Italian; Carli, Quintillio, 30, Timberman, Polish; Cichow, Stanley, 44, Miner, Polish; Calbert, Earnest, 25, Brakeman, Negro; Combs, S. M., 32, Contractor, American; Combs, Lee, 17, Trackman, American; Coras, Peter, 41, Coal Loader, Italian; Capras, Joe, 33, Coal Loader, Polish; Cottle, Leslie. 28, Contractor, American; Clayborne, L. C., 28, Machine Runner, American; Crook, J. C., 25, Trackman, Negro; Cucia, John, 32, Coal Loader, Italian; Daldo, Dominic, 22, Trackman, Italian; Dark, Wm., 32, Miner, Negro; Dennis, Ed, 20, Miner, Negro; Devich, Wuich, 25, Coal Loader, German; DeRose, Joe, 28, Slateman, Italian; Dudley, Green, 20, Brakeman, American; Edwards, E., 25, Miner, English; English, D. C., 34, Boss Driver, American; Enovich, Mike, 25, Miner, Montenegrin; Ellison, E. O., 26, Bratticeman, American; Favia, Joe, 26, Miner, Lithuanian; Fela, Chas., 31, Miner, Lithuanian; Fela, Joe, 26, Trackman, Lithuanian.

Eccles No. 6, Fitler, Joe, 28, Cager, Lithuanian; Fitler, Frank, 25, Cager, Lithuanian.

Eccles No. 5, Forcento, Jno., 35, Coal Loader, Polish; Fortuna, James, 58, Miner, Italian; Fortuna, Bruno, 30, Miner, Italian; Fortunyo, Joe, 20, Coal Loader, Italian; Fowler, Roland, 26, Coal Loader, Negro; Frencho, Joe, 45, Coal Loader, Austrian; Fridley, P. C., 28, Trackman, American; Frost, W. J., 38, Miner, English; Gallimore, Wm., 30, Miner, American; Gemudor, John, 34, Miner, Polish; Gerke, Jack, 33, Miner, Polish; Gioranni, Devin, 35, Machine Runner, Italian; Golden, Pat, 40, Timberman, Irish.

Eccles No. 6, Goodman, L., 35, Coal Loader, American.

Eccles No. 5, Gusach, Wm., 32, Miner, Polish; Gray, H. E., 26, Coal Loader, American; Green, Emmett, 26, Coal Loader, Negro; Gronay, John, 29, Miner, Polish; Hale, Jake, 27, Contractor, Negro.

Eccles No. 6, Harper, Joe, 25, Cager, American.

Eccles No. 5, Harriston, Jesse, 28, Coal Loader, Negro; Hardnet, A. H., 30, Car Dropper, Negro; Hockman, Joe, 22, Wireman, American; Huff, J. H., 36, Coal Loader, Negro; Hrim, Mike, 32, Miner, Polish; Hayslett, O. B., 35, Mine Foreman, American; Jones, George, 24, Driver, Negro; Johnson, Wm., 30, Trackman, Negro; Johnson, Ed, 28, Miner, Negro; Johnson, Edgar, 24, Motorman, Negro; Joseph, Mike, 30, Miner, Lithuanian; Jordon, Jas., 45, Timberman, American; Jordon, Marshall, 25, Coal Loader, Negro; King, George, 28, Pumper, English; Korum, Alex, 34, Miner, Hungarian; Koalopki, Chas., 30, Trackman, Lithuanian; Kosup, Joe, 26, Miner, Austrian; Kramer, Robt., 29, Miner, American; Kreshak, John, 35, Coal Loader, Russian; Kreptofski, Frank, 28, Miner, Lithuanian; Kulmore, Andrew, 30, Miner, Russian; Lester, J. A., 35, Trackman, American; Lester, Wayman, 34, Coal Loader, American; Levika, Joe, 30, Coal Loader, Lithuanian.

Eccles No. 6, Lingeman, F. J., 26, Mine Foreman, German.

Eccles No. 5, Linville, Freeman, 38, Insurance Solicitor, American; Lopp, Alex, 36, Coal Loader, Russian; Majamado, Pete, 24, Coal Loader, Polish; Mauke, Tony, 28, Coal Loader, Polish; Meadows, Chas., 56, Pumper, American; Metloch, Wm., 34, Miner, Polish; Mick, Jno., 27, Coal Loader, Polish; Michale, Casua, 38, Machine Runner, Italian; Miller, Bernard, 13, Flagman, American; Misbuk, Fred, 34, Coal Loader, Russian; Mollinoci, Savora, 19, Miner, Italian; Monesky, Stanley, 28, Miner, Polish; Mononsky, Mike, 26, Miner, Polish; Moran, Chas. D., 38, Electrician, American; Murphy, C. B., 29, Pumper, American; Musual, Frank, 32, Miner, Polish; McClough, Thos., 27, Pumper, American; McMillion, W. H., 32, Miner, American; McMillion, Lee, 30, Contractor, American; McMillion, Lacy, 23, Contractor, American; McMillion, Geo., 29, Trackman, American; Nicheri, Elic, ? Timberman, Italian; Nincheri, Epsie, 25, Timberman, Polish; Noman, Pete, 29, Bratticeman, Negro; Novitsky, Mike, 24, Trackman, Lithuanian; Olah, John, 40, Miner, Polish; Orso, Tony, 38, Miner, Italian; Osodch, Hy, 37, Miner, Polish; Osodch, Pete, 36, Miner, Polish; Palmer, John, 26, Coal Loader, Negro; Paup, John, 31, Miner, German; Perkins, Richard, 36, Coal Loader, Negro; Phillips, Garland, 22, Coal Loader, Negro; Piccola, James, 45, Bratticeman, Italian; Pietro, Daldo, 24, Cager, Italian; Polenay, Jno., 26, Coal Loader, Russian; Pollunay, Steve, 24, Coal Loader, Russian; Port, Joe, 29, Miner, Polish; Poteet, Robt., 30, Laborer, Negro; Predno, Mike, 29, Trackman, Italian; Predno, Cosnie, 35, Coal Loader, Italian; Price, J. T., 25, Timberman, English; Quesenberry, W. J., 36, Contractor, American; Randall, Wm., 24, Coal Loader, Negro; Reach, Hobart, 14, Miner, American; Roark, S. F., 32, Coal Loader, American; Richmond, Ed, 35, Pumper, American; Robinson, Ed, 35, Coal Loader, Negro; Rose, Paoli, 28, Coal Loader, Italian; Ross, Wm., 31, Motorman, American; Rossi, Gatano, 25, Miner, Italian; Rushack, Pete, 53, Miner, Austrian; Salvatore, Earina, 30, Slateman, Italian; Semic, John, 26, Miner, Lithuanian; Sellards, J. T., 28, Coal Loader, Negro; Scott, John, 28, Fire Boss, English; Shelton, Nathaniel, 24, Miner, Negro; Shipuruk, John, 36, Miner, Slavish; Shubonas, Anthony, 36, Miner, Russian; Simms, Charles. 20, Miner, Negro; Smith, Wm., 35, Miner, English; Smith, J. T., 36, Machine Runner, American; Smith, Wiley, 30, Coal Loader, American; Stanlas, Tony, 26, Miner, Hungarian; Stanley, Harvey, 23, Timberman, American; Stepp, Barney, 28, Car Dropper, Negro; Stonkovich, Joe, 25. Miner, Lithuanian; Taylor, C. J., 25, Coal Loader, American; Tedys, Frank, 17, Car Dropper, Polish; Thompson, Robt., 28, Brakeman, Negro; Thrasher, Wes, 24, Coal Loader, Russian; Thrasher, Steve, 25, Coal Loader, Russian; Tibbs, Chas., 28, Miner, American; Toler, Norman, 22, Trackman, Negro; Turner, J. H., 24, Coal Loader, American; Tusca, Sebastian, 26, Cager, Italian; Tusca, Joe, 19, Cager, Italian; Warden. Carl, 21, Electrician, American; Washington, Geo., 23, Coal Loader, Negro; Weatherford, W. G., 33, Stable Boss, American; Webb, Clarence, 25, Motorman, American; Webb, Dona, 24, Motor Boss, American; White, Sam, 29, Contractor, Negro; White, Phillip, 27, Miner, Negro; Williams, Walter, 21, Coal Loader, American; Wiseman, A., 46, Bratticeman, American; Wiseman, E. A., 40, Coal Loader, American; Wiseman, Walter, 16, Brakeman, American; Woods, Newt., 43, Trackman, American; Woods, Wes, 29, Coal Loader, Negro; Wright, Eugene, 31, Brakeman, Negro; Younger, Dossie, 20, Coal Loader, Negro; Unknown, Age? Occupation? Nationality?

May 20, 1914.—Wyatt White, 52, Tippleman, Negro, MacAlpin Mine, MacAlpin Coal Co. (Outside). Was standing on tipple. In stepping aside to let the monitor pass, he fell over the side of tipple causing very serious injuries that killed him.

June 24, 1914.—I. C. Tilly, 19, Brakeman, American, Mine Stotesbury No. 3, E. E. White Coal Co. In rising up from coupling cars, came in contact with the electric wire, remaining in that position for a moment, when the cut out switch was thrown releasing him from the current. Died before the doctor came, although every effort was being made to resuscitate him.

Randolph County.

November 8, 1913.—Edgedro Capona, 24, Driver, Italian, Harding No. 3, Davis Colliery Co. From the position found, it is supposed that he was trying to uncouple cars in motion; was squeezed through chest. Dead when found.

Taylor County.

January 21, 1914.—Rosemont Mine, Theodore Moore, 57, Miner, American. Along with his partner they were placing empty car into their working place, going down grade; the victim was walking backward, holding the brake lever; he ran against a prop and the brake lever against his abdomen, causing internal injuries. Was sent to the Miners' Hospital at Fairmont where he died on January 23, 1914.

January 21, 1914.—Angelo Spear, 40, Miner, Slavish, No. 4 Mine, Pittsvein Coal Co. At the end of the day's work this man failed to show up. The mine foreman and assistant went in about 6 P. M., to search. He was found under a large piece of slate among the pillar workings that had been abandoned. It is presumed that he went in search of a mine prop, something near the desired length he needed; in removing it he was caught as above mentioned, supposed to have been killed instantly.

April 2, 1914.—Wasyl Lusky, 32, Trackman, Polish, Mine No. 4, Maryland Coal Co. of W. Va. In company with three other men, he was cleaning up a fall on the 5th right airway; a piece of slate fell and struck his head, breaking his neck and killing him instantly.

April 2, 1914.—James Henry McDowell, 52, Car Trimmer, American, Rosemont Mine, Rosemont Coal Co. (Outside). Was standing on the front end of a railroad car under the tipple. Two lumps of coal fell into the pan, and ran by the gate, striking the victim on the head; he fell to the track and struck his head on steel rail; lived three and a half hours.

April 21, 1914.—W. R. Nestor, 40, Timberman, American, Rosemont Mine, Rosemont Coal Co. While preparing to replace a cross bar or timber, the slate gave way, falling on him; he was killed instantly.

April 24, 1914.—Harry Whitley, 25, Driver, English, Winona Mine, Winona Coal & Coke Co. (Outside). Caught foot between brake-rod of larry and the track throwing him in front of it. Died in ten minutes afterwards.

Tucker County.

August 13, 1913.—Geo. Dennis Taylor, 15, Driver, American, Mine No. 39, Davis Coal & Coke Co. He was going up in the air course after a load of coal, walking behind the mule; as he turned out of the air course, about two tons of rock fell on him crushing skull and chest, causing his death.

August 15, 1913.—August Irkman, 45, Laborer, Lithuanian, Mine No. 23, Davis Coal & Coke Co. Was walking up heading and stepped on track in front of empty cars which struck him, one car running over and killing him instantly.

October 2, 1913.—Mike Vandalosky, (or Mendalosky), 22, Motorman, Polish, Mine No. 36, Davis Coal & Coke Co. This accident happened at the junction where the new heading branches off Ryan heading. The roof fell and, it is supposed, struck the victim, causing his death.

January 28, 1914.—Martin Ushawal, 33, Miner, Granish, Mine No. 36, Davis Coal & Coke Co. On his way out of mine, going home, walking along trip on wire side, came in contact with the electric wire, the shock causing his death.

March 12, 1914.—Ed Scouten, 21, Miner, American, Mine No. 40, Davis Coal & Coke Co. Was mining under some top coal; it gave way, falling on him, spine broken in several places, death instantaneous.

June 19, 1914.—Bert W. James, 32, Miner, American, Mine No. 40, Davis Coal & Coke Co. The motorman was placing a car in his place. Heard an exclamation, on going around the motor found the victim lying in the middle of the track, seems to have came in contact with cable switch on motor receiving a shock that caused death.

Wyoming County.

February 14, 1914.—Elbert Perdue, 45, Miner, American, Mead-Poca Mine, Mead-Pocahontas Coal Co. Mine not working this day. Two miners were going outside after empty cars; they returned in a few minutes with three cars going at a pretty good gait and struck the victim, breaking his back; he died three hours after accident.

NON-FATAL ACCIDENTS

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
	BARBOUR COUNTY.				
1	Century Coal Company	No. 1	Steve Cossack	7-17-13	Russian
2	The Consolidation Coal Co.	No. 37	John Scarcell	7-30-13	Italian
3	Grafton Fuel Company	Lillian	G. C. Crosten	12-20-13	American
4	Tygart's River Coal Co.	Arden	A. J. Shonabarger	1-17-14	American
5	Davis Colliery Company	Junior	Antonio Cecilins	1-20-14	Italian
6	Davis Coal & Coke Company	Weaver No. 3	Grover Corley	1-22-14	American
7	Luella Coal & Coke Company	Luella	Floyd Kesling	2-16-14	American
8	Luella Coal & Coke Company	Luella	Wm. Goodwin	3-17-14	American
9	Luella Coal & Coke Company	Luella	A. L. Robinson	4-17-14	American
10	Century Coal Company	No. 1	Saul Patrick	4-24-14	American
11	Tygart's River Coal Company	Arden	J. L. Sayre	4-29-14	American
12	Century Coal Company	No. 1	Grant Haddix	5-11-14	American
13	Century Coal Company	No. 1	Wm. Post	5-16-14	American
14	Century Coal Company	No. 2	Frank Carrimer	6-20-14	Italian
15	Grafton Fuel Company	Lillian No. 2	A. W. Marteny	6-25-14	American
	BOONE COUNTY.				
16	Anchor Coal Company	No. 1	Tom Warren	12-13-13	Negro
17	Seng Creek Coal Company	Seng	Ziner Fulk	1- 2-14	American
	BRAXTON COUNTY.				
18	Davis Colliery Company	Copen	John Ross	10-27-13	Italian
19	Davis Colliery Company	Copen No. 11	Patsy Murphy	3-10-14	Italian
	BROOKE COUNTY.				
20	LaBelle Iron Works	LaBelle	James Kinney	8-31-13	American
21	LaBelle Iron Works	LaBelle	Joe Brettle	9-29-13	American
22	LaBelle Iron Works	LaBelle	John Fryer	1- 8-14	English
23	LaBelle Iron Works	LaBelle	Frank Reduka	1-15-14	Slavish
24	W. Va.-Pittsburg Coal Co.	Locust Grove No. 1	John Kosumkoe	2- 7-14	Russian
25	W. Va.-Pittsburg Coal Co.	Locust Grove No. 1	Chas. Fromm	4-13-14	German
26	W. Va.-Pittsburg Coal Co.	Locust Grove No. 1	Wm. Jacobs	5- 4-14	Slavish
	CLAY COUNTY.				
27	Elk River Coal & Lumber Company	Rich Run	Tony Obroza	10-22-14	Austrian
28	Elk River Coal & Lumber Company	Rich Run	Jack Martintich	10-22-14	Austrian
	FAYETTE COUNTY.				
29	Greenwood Coal Company	Greenwood	Sam Flint	7- 1-13	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
	Barbour County					
1	8 years	26	Trackman	Fall of slate	Back badly injured	I
2		31	Loader	Mine Car	Hand broken	I
3	10 years	25	Driver	Mine Car	Ankle crushed	I
4	5 years	22	Motorman	Motor at switch	Leg broken	I
5	1 week	22	Miner	Fall of slate	Left leg broken	I
6	7 years	25	Miner	Fall of slate	Back injured	I
7	8 years	35	Miner	Fall of slate	Leg fractured	I
8	4 years	22	Driver	Mine Car	Ligaments torn in wrist	I
9	10 years	31	Miner	Fall of slate	Thigh badly injured	I
10	7 years	40	Machine Runner	Mining Machine Machinery	Loss of finger, another lacerated	I
11	12 years	32	Miner	Fall of coal	Knee and shoulder injured	I
12	6 years	21	Driver	Mine Cars	Hips squeezed	I
13	5 years	22	Driver	Mine Cars	Knee injured	I
14	4 years	20	Miner	Fall of slate	Left leg fractured	I
15	5 years	26	Machine Helper	Fall of slate	Back and head injured	I
	Boone County					
16	4 years	22	Trip Rider	Locomotive	Body squeezed	I
17	8 months	17	Brakeman	Mine Cars	Fracture of left leg	I
	Braxton County					
18		22	Miner	Fall of slate	Both legs broken	I
19	7 years	35	Miner	Fall of slate	Leg broken	I
	Brooke County					
20	10 years	40	Trackman	Fall of slate	Back and ankle injured	I
21	7 years	57	Loader	Ignition of gas	Face burned	I
22	Many years	34	Loader	Fall of slate	Ankle fractured	I
23	3 years	30	Loader	Fall of slate	Ankle dislocated	I
24	1 year	18	Miner	Fall of slate	Hand crushed and nail off	I
25	1 day	22	Miner	Fall of slate	Back and ankle injured	I
26	3 years	26	Miner	Fall of slate	Right leg contused	I
	Clay County					
27		45	Miner	Fall of slate	Leg broken	I
28		30	Miner	Fall of slate	Leg broken	I
	Fayette County					
29		16	Trip Rider	Mine Cars	Body mashed	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine	Name of Person Injured	Date of Accident	Nationality
30	The Columbus Iron & Steel Co.	No. 1	Banner Lewis	7- 7-13	American
31	McKell Coal & Coke Co.	Kilsyth	Mitchell Cicola	7- 7-13	Italian
32	Loup Creek Colliery Company	No. 2	Homer Lewis	7-11-13	American
33	Prudence Coal Company	"A"	Lee Hickenbottom	7-14-13	Negro
34	Branch Coal & Coke Company	Elverton	Will West	7-16-13	Negro
35	M. B. Coal & Coke Company	Elk Ridge No. 2	Everett Hedrick	7-21-13	American
36	Stuart Colliery Company	Summerlee	Peter Jones	7-28-13	Negro
37	Blume Coal & Coke Company	Blume	Wiley Bonds	7-28-13	American
38	Boomer Coal & Coke Company	No. 4	Wm. Fannon	7-29-13	American
39	McKell Coal & Coke Co.	Kilsyth	Carmello Chio	8- 2-13	Italian
40	Keeney's Creek Colliery Co.	Smokeless	Roy Wilson	8- 5-13	American
41	Loup Creek Colliery Company	No. 2	Henry Miller	8-16-13	Negro
42	Nichol Colliery Company	Nichol	John Sakola	8-19-13	Hungarian
43	Rock Lick Coal Company	No. 1	Nate Coleman	8-20-13	American
44	Keeney's Creek Colliery Co.	Smokeless	Sam Hicks	8-25-13	American
45	New River & Pocahontas Cons. Coal Co.	Minden No. 4	Mike Koesz	8-27-13	Slavish
46	Boomer Coal & Coke Company	No. 4	Jess Anderson	8-30-13	American
47	Stuart Colliery Co.	Summerlee	Peter Polich	9- 4-13	Austrian
48	Cannelton Coal & Coke Co.	No. 2 North	Steve Manules	9- 4-13	Greek
49	McKell Coal & Coke Company	Kilsyth	Santo Angelo	9- 5-13	Italian
50	Loup Creek Colliery Co.	No. 2	Chas. Hamilton	9-13-13	American
51	New River Collieries Co.	Sun	John Brash	9-16-13	American
52	Stuart Colliery Company	Summerlee	Lester Bullock	9-20-13	Negro
53	Ajax Coal Company	Newlyn	Chas. Dixon	9-26-13	American
54	Ajax Coal Company	Newlyn	E. Minnix	9-26-13	American
55	New River & Poca. Cons. Coal Co.	Minden No. 4	Thomas Southern	9-27-13	English
56	Scotia Coal & Coke Company	Brooklyn	Peter Platcar	9-29-13	German
57	The Turkey Knob Coal Co.	Turkey Knob	Roger Woodson	9-30-13	Negro
58	Boomer Coal & Coke Company	No. 3	Frank Gillie	10- 1-13	Italian
59	Cannelton Coal & Coke Co.	No. 3	L. Lanham	10- 2-13	American
60	Boomer Coal & Coke Company	No. 2 South	Angelo Fortunate	10- 8-13	Italian
61	The Columbus Iron & Steel Co.	No. 1	John A. Savage	10-16-13	American
62	Blume Coal & Coke Company	Blume	Wm. McKnight, Jr.	10-16-13	American
63	Turkey Knob Coal Company	Turkey Knob	W. M. Coon	10-18-13	American
64	Sewell Colliery Company	Sugar Camp	Elmer Headen	10-20-13	Negro
65	N. R. & Poca. Cons. Coal Co.	Layland No. 3	John Finozzo	10-22-13	Italian
66	Scotia Coal & Coke Company	Brooklyn	Albert Ramsey	10-25-13	American
67	Boomer Coal & Coke Company	No. 6	Fred Withrow	11- 3-13	American
68	New River Collieries Co.	Sun No. 1	Riley Hamlet	11- 6-13	Negro
69	River Valley Colliery Co.	Bachman	Alex Wood	11- 6-13	Negro
70	River Valley Colliery Co.	Bachman	S. J. Bays	11- 7-13	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
30	....	21	Tippleman	Mine Cars	Finger amputated	O
31	2 years	20	Miner	Fall of coal	Fracture of leg	I
32	12 years	22	Motorman	Fall of coal	Hip and spine injured	I
33	10 years	40	Miner	Fall of coal	Leg broken	I
34	1 year	22	Driver	Fell off mine car	Left leg broken	I
35	....	26	Machine Runner	Fall of coal	Spine injured	I
36	12 years	28	Driver	Fall of slate	Right leg broken	I
37	12 years	22	Laborer	Fall of slate	Chest crushed	I
38	....	19	Brakeman	Motor collision	Right leg amputated below knee	I
39	1 year	22	Miner	Fall of coal	Fracture of left leg	I
40	5 weeks	26	Laborer	Mine Car	Right leg broken above ankle	I
41	10 years	30	Miner	Fall of slate	Leg broken	I
42	2 years	18	Brakeman	Fell under car	Both legs badly injured	I
43	20 years	38	Laborer	Explosion of powder	Arm and hip burned	I
44	18 years	45	Machine Runner	Machine and Coal	Back badly injured	I
45	10 years	41	Miner	Fall of slate	Thigh fractured	I
46	....	30	Machine Runner	Fall of coal	Right leg fractured	I
47	10 years	28	Loader	Fall of slate	Right leg broken	I
48	2 years	24	Miner	Ignition of gas	Hand, neck and face burned	I
49	5 years	30	Miner	Fall of coal	Spine fractured	I
50	3 years	20	Brakeman	Mine Cars	One finger severed between second and third joint	I
51	25 years	47	Driver	Mine Car and roof	Body squeezed	I
52	10 years	23	Driver	Mine Car and timber	Back and side injured	I
53	15 years	30	Miner	Fall of coal	Ankle broken	I
54	10 years	27	Miner	Fall of slate	Bone in hip broken	I
55	12 years	25	Miner	Fall of slate	Second toe amputated and other injuries	I
56	....	23	Laborer	Mine Cars	Leg broken below knee	I
57	....	22	Tippleman	Mine Car	Dislocated wrist	O
58	....	40	Miner	Fall of coal	Fracture of left clavicle bone	I
59	4 years	18	Brakeman	Motor and roof	Knee and thigh injured	I
60	....	35	Machine Runner	Fall of coal	Right leg fractured—head cut	I
61	10 years	43	Engineer	Fell from slack bin	Rib broken	O
62	4 years	18	Driver	Mine Car	Right leg broken	I
63	8 years	38	Miner	Fall of coal	Ankle dislocated	I
64	14 years	31	Contractor	Mine Car	Collar bone broken	I
65	3 years	51	Miner	Fall of slate	Nose broken—head injured	I
66	1 month	20	Car Repairs	Incline accident	Broken thumb—wrist injured	O
67	3 years	33	Carpenter	Drum Shaft fell	Fracture of foot—back injured	O
68	3 years	22	Loader	Fall of slate	Right leg broken	I
69	....	33	Machine Helper	Mine Machine Truck	Ankle broken	I
70	8 years	38	M. Foreman	Machine Jack	Finger broken—another injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
71	Boomer Coal & Coke Co.	No. 2 South	Veto Areto	11-10-13	Italian
72	Sunday Creek Company	No. 114	R. L. Kirk	11-14-13	American
73	The Turkey Knob Coal Co.	Turkey Knob	H. Frank	11-17-13	Polish
74	Boomer Coal & Coke Company	No. 2 North	James Moore	11-17-13	American
75	Columbus Iron & Steel Co.	Marting No. 1	Edward Saunders	11-18-13	American
76	Boomer Coal & Coke Company	No. 3	John Lopets	11-20-13	Italian
77	The Star Coal & Coke Company	Star	Sam Williams	11-25-13	Negro
78	The Turkey Knob Coal Co.	Turkey Knob	J. C. Baker	11-26-13	American
79	New River Collieries Co.	Sun	Pete Zuber	11-18-13	Polish
80	The Turkey Knob Coal Co.	Turkey Knob	O. Haney	11-19-13	American
81	Boomer Coal & Coke Company	No. 3	Frank Caesar	12- 1-13	Italian
82	St. Clair Colliery Co.	Archer	Mike Postore	12- 3-13	Italian
83	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Nick Lamorgia	12- 6-13	Italian
84	Boomer Coal & Coke Company	No. 2 North	Sam Goods	12- 9-13	Italian
85	Sunday Creek Company	No. 111	Frank Paterno	12-12-13	Italian
86	Sunday Creek Company	No. 112	Orville Hobbs	12-12-13	American
87	Sunday Creek Company	No. 115	Unie Whitlow	12-15-13	Negro
88	N. R. & Poca. Cons. Coal Co.	Layland No. 2	Moses Popo	12-16-13	Roumanian
89	Sunday Creek Company	No. 114	Danney Calendar	12-18-13	Negro
90	Boomer Coal & Coke Company	No. 2 North	A. Cyrus	12-19-13	American
91	Loup Creek Colliery Co.	No. 2	Lewis Brown	12-22-13	Negro
92	Sunday Creek Company	No. 112	J. C. Roach	12-29-13	American
93	N. R. & Poca Cons. Coal Co.	Minden No. 4	Amezon Bogomaze	12-30-13	Russian
94	Christian Colliery Company	Eagle No. 1	Harry Branhone	12-31-13	American
95	St. Clair Colliery Co.	St. Clair	Henry Ward	1- 2-14	American
96	N. R. & Poca. Cons. Coal Co.	Minden No. 3	M. J. Barrett	1- 5-14	Negro
97	Boomer Coal & Coke Company	No. 2 North	Joe Vitale	1-12-14	Italian
98	Sunday Creek Company	No. 115	Wm. Knight	1-14-14	American
99	Boomer Coal & Coke Company	No. 2 South	W. J. White	1-14-14	American
100	The Turkey Knob Coal Co.	Turkey Knob	Frank Kesler	1-16-14	American
101	Nichol Colliery Company	Nichol	Tony Petsock	1-17-14	Polish
102	Columbus Iron & Steel Co.	Marting No. 1	Edward Saunders	1-17-14	American
103	Christian Colliery Co.	Eagle No. 1	Alfred Sheppard	1-17-14	American
104	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Joe Petrowitz	1-19-14	Polish
105	Ephraim Creek Coal & Coke Co.	Buffalo	Gus Shovel	1-23-14	Negro
106	Boomer Coal & Coke Company	No. 2 South	Wm. Burrell	1-23-14	American
107	Sunday Creek Company	No. 114	Sante Canbugeani	1-23-14	Italian
108	Loup Creek Colliery Company	No. 2	W. E. Chapman	1-26-14	American
109	Boomer Coal & Coke Co.	No. 2 North	Ed. Hamilton	1-28-14	American
110	Ballinger Coal Company	No. 1	A. L. Boler	1-28-14	American
111	M. B. Coal & Coke Company	Columbia No. 5	Octava Ducane	1-30-14	French

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
71		38	Miner	Fall of slate	Back and head injured	I
72	25 years	36	Miner	A rail flew up	Nose broken—head injured	I
73	21 years	37	Miner	Fall of coal	Fracture of leg	I
74		49	Timberman	Car Jack slipped	Fracture of leg and arm	I
75	8 years	24	Brakeman	Mine Car	Loss of right thumb	O
76		27	Miner	Fall of slate	Fracture of left thumb	I
77		28	Driver	Water Car	Fracture of collar bone	I
78	6 weeks	27	Miner	Fall of slate	Fracture of right arm	I
79	7 years	25	Miner	Fall of slate	Fracture of left leg	I
80	14 years	29	Laborer	Motor	Badly crushed foot	I
81		22	Driver	Mine Car	Right leg fractured	I
82	19 years	45	Miner	Fall of slate	Both legs fractured below knee	I
83	5 years	30	Miner	Fall of slate	Toe broken	I
84	3 years	32	Driver	Mule and coal	Collar bone fractured	I
85	5 years	38	Miner	Fall of slate	Head, breast and back injured	I
86	2 years	17	Brakeman	Mine Cars	One finger amputated	I
87	4 years	24	Brakeman	Motor and Mine Cars	Hip injured	I
88		35	Miner	Fall of slate	Right leg fractured	I
89	5 years	18	Miner	Spragging car wheel	Right hand bursted	I
90		33	Driver	Mule and post	Rib fractured—collar bone dislocated	I
91	8 months	18	Coupler	Mine Cars	Fracture of left leg	O
92	45 years	61	Miner	Fall of coal	Both hips injured	I
93	1 year	25	Miner	Fall of slate	Fracture of foot	I
94	7 years	28	Machine Runner	Fall of coal	Ankle badly injured	I
95	Sev. years	40	Laborer	Fall of slate	Spine fractured	I
96		28	Miner	Fall of slate	Thigh and leg fractured	I
97		19	Driver	Fall of slate	Right foot fractured	I
98	26 years	46	Trackman	Fall of slate	Fracture of finger	I
99		57	Carpenter	Steel rail fell	Great toe fractured	O
100	2 years	16	Brakeman	Mine Car and roof	Collar bone dislocated	I
101	5 years	26	Machine Helper	Cutter Bar	Laceration and amputation of leg	I
102	8 years	24	Brakeman	Fell down	Broken collar bone	I
103	3 years	24	Brakeman	Mine Car	Back and hips squeezed	I
104	5 years	28	Trip Rider	Mine Car and roof	Spine injured	I
105	Sev. years	23	Miner	Fall of slate	Great toe broken	I
106		45	Tippleman	Dump Pole	Left leg fractured	O
107	6 weeks	19	Miner	Fall of coal	Left leg broken	I
108	3 years	22	Motorman	Mine Cars	Finger broken and hand lacerated	I
109		50	Boss Driver	Fall of slate	Right foot fractured	I
110	12 years	38	Miner	Fall of coal	Breast and hips injured	I
111	Many years	45	Miner	Riding rail on incline	Arm broken and other injuries	O

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
112	The Elmo Coal Mining Co.	Elmo	L. C. Kincaid	1-31-14	American
113	N. R. & Poca. Cons. Coal Co.	Minden No. 3	Thomas Loughlin	2- 5-14	Irish
114	White Oak Fuel Company	Scarbro	Martin Dugse	2- 7-14	Polish
115	Cannelton Coal & Coke Company	No. 2 North	Julian Bennett	2- 9-14	Negro
116	N. R. & Poca. Cons. Coal Co.	Layland No. 3	John Contone	2-13-14	Italian
117	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Jos. Bonelle	2-13-14	Negro
118	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Angelo Alliprandi	2-13-14	Negro
119	W. R. Johnson Coal Company	Oakland No. 1	Elisha Poe	2-13-14	Negro
120	N. R. & Poca. Cons. Coal Co.	Minden No. 4	George Kepta	2-16-14	Polish
121	Greenwood Coal Company	Greenwood	D. W. Powell	2-21-14	Negro
122	Branch Coal & Coke Company	Elverton	Tonelli Battista	2-21-14	Italian
123	N. R. & Poca. Cons. Coal Co.	Minden No. 5	Wm. Treadway	2-21-14	American
124	Boomer Coal & Coke Company	No. 2 South	Frank Colis	2-25-14	Italian
125	Boomer Coal & Coke Company	No. 2 North	Martin Oiler	2-17-14	American
126	Prudence Coal Company	Prudence	James Sayers	2-28-14	American
127	The Elmo Coal Mining Co.	Elmo	J. H. Pollock	2-28-14	American
128	Loup Creek Colliery Co.	No. 2	Nick Branlwich	3- 3-14	Austrian
129	N. R. & Poca. Cons. Coal Co.	Minden No. 3	John Toles	3- 3-14	Negro
130	Sunday Creek Company	No. 112	Dewey Walker	3- 4-14	American
131	Boomer Coal & Coke Co.	No. 3	Lawrence Bianco	3- 5-14	Italian
132	Boomer Coal & Coke Co.	No. 2 North	Aaron Staiker	3- 5-14	Hungarian
133	Stuart Colliery Company	Summerlee	James Allen	3- 6-14	Negro
134	Dunloop Coal & Coke Company	Dunloop	Bruno Cardilac	3- 7-14	Italian
135	Low Moor Iron Company of Va.	No. 2	Herbert Vannetto	3- 9-14	American
136	Export Coal Company	Export	W. H. Smith	3-11-14	American
137	N. R. & Poca. Cons. Coal Co.	Minden No. 4	Tony Uraska	3-12-14	Litvitch
138	Boomer Coal & Coke Co.	No. 2 North	George Barnett	3-13-14	American
139	Boomer Coal & Coke Co.	No. 2 North	Joe Currato	3-16-14	Italian
140	Quinnimont Coal Company	Big Q	Richard Willis	3-17-14	American
141	Sunday Creek Company	No. 114	C. D. Berthisel	3-17-14	American
142	Nuttallburg Smokeless Fuel Co.	Nuttall	Jos. Secrist	3-18-14	American
143	The Elmo Coal Mining Co.	Elmo	Sam Reed	3-20-14	American
144	Quinnimont Coal Company	Big Q	Mat Willis	3-23-14	American
145	Boomer Coal & Coke Co.	No. 2 North	Ray Moss	3-24-14	Negro
146	Holliday Coal Company	Keeney's Creek	H. L. Jones	3-27-14	American
147	Prudence Coal Company	Jones No. 3	Ezra Hall	3-28-14	American
148	Boomer Coal & Coke Co.	No. 2 South	Angelo Menuch	3-20-14	Italian
149	N. R. & Poca. Cons. Coal Co.	Minden No. 4	Wm. Brandwood	3-31-14	English
150	Boomer Coal & Coke Co.	No. 2 North	Frank Richards	4- 2-14	American
151	Milburn Coal Company	Milburn	Frank Scott	4- 2-14	Negro
152	Milburn Coal Company	Milburn	Patsy Carlato	4- 2-14	Italian
153	Quinnimont Coal Company	Big Q	John Plumly	4- 3-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
112	13 years	35	Driver	Mine Car and roof	Collar bone broken—two ribs fractured	I
113	35 years	62	Timberman	Fall of slate	Back and hips injured	I
114	10 years	50	Miner	Fall of slate	Rib broken—body crushed	I
115	20 years	31	Miner	Ignition of powder	Arm and face burned	I
116	....	23	Miner	Fall of slate	Hip injured	I
117	....	21	Miner	Fall of slate	Back and spine injured	I
118	....	32	Miner	Fall of slate	Hip injured	I
119	15 months	16	Brakeman	Motor	Right leg broken	I
120	....	35	Miner	Premature Explosion	Face and eyes injured	I
121	10 years	33	Miner	Mine Car	Finger amputated	I
122	....	24	Miner	Mine Car	Thumb severed	I
123	....	37	Miner	Mine Car	Rib fractured	I
124	....	28	Miner	Fall of slate	Toe fractured	I
125	....	29	Slateman	Fall of slate	Toe fractured	I
126	12 years	31	Miner	Fall of slate	Leg, arm and back injured	I
127	8 years	24	Motorman	Fall of slate	Foot fractured	I
128	7 months	18	Laborer	Mine Cars	Left thumb broken	I
129	4 years	47	Miner	Mine Car	Leg possibly fractured	I
130	1 year	15	Brakeman	Mine Car	Two fingers amputated	I
131	....	30	Miner	Mine Car	End of finger cut off	I
132	....	36	Miner	Mine Car	Fracture of right leg	I
133	15 years	30	Miner	Mine Car	Right leg broken	I
134	7 years	27	Miner	Fall of coal	Dislocated spine	I
135	....	15	Trapper	Mine Car	Thigh and arm broken	I
136	25 years	55	Miner	Mine Cars	Fracture of leg	I
137	10 years	50	Miner	Mine Car	Leg broken—back injured	I
138	....	30	Driver	Mine Car	Fracture of left arm	I
139	....	35	Miner	Fall of slate	Toe fractured	I
140	Many years	42	Miner	Fall of slate	Great toe injured	I
141	20 years	39	Electrician	Flying coal on incline	Right arm broken	O
142	35 years	40	Machine Runner	Machine bits	Legs badly injured	I
143	1 year	20	Brakeman	Mine Car	Bone fractured in leg	I
144	Many years	32	Miner	Fall of slate	Thigh broken	I
145	....	23	Driver	Mule kicked him	Jaw fractured	I
146	10 years	23	Miner	Fall of slate	Seriously injured	I
147	7 years	41	Miner	Fall of slate	Leg and back injured	I
148	....	37	Miner	Mine Timbers	Finger amputated	I
149	21 years	35	Miner	Fall of slate	Nose broken—head injured	I
150	....	20	Tippleman	Mine Cars	Left arm broken	I
151	....	24	Miner	Fell off tipple	Body injured	O
152	....	25	Miner	Fell off tipple	Eye, head and back injured	O
153	Many years	24	Motorman	Mine Car	Collar bone broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
154	Boomer Coal & Coke Company	No. 3	James Jones	4- 3-14	Negro
155	N. R. & Poca. Cons. Coal Co.	No. 3	Walter Carter	4- 4-14	American
156	Christian Colliery Co.	No. 1	John Christian	4- 4-14	Negro
157	Boomer Coal & Coke Co.	No. 3	James Washington	4- 6-14	Negro
158	White Oak Fuel Company	Scarbro	Frank Stevens	4- 6-14	Polish
159	Sunday Creek Company	No. 114	W. M. Stewart	4- 6-14	American
160	Loup Creek Colliery Co.	No. 2	Ed. Murphy	4- 6-14	American
161	Loup Creek Colliery Co.	No. 2	Guiseppi Panzaretto	4- 6-14	Italian
162	Loup Creek Colliery Co.	No. 2	Hubert Griffith	4- 8-14	American
163	G. W. Blume (Estate)	Fayette	Wallace Workman	4- 9-14	American
164	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Luigi Manse	4-11-14	Austrian
165	Dunloop Coal & Coke Co.	No. 2	Bartona Cornelius	4-11-14	Spanish
166	White Oak Fuel Company	Scarbro	Wm. Sparrow	4-11-14	Negro
167	Babcock Coal & Coke Company	No. 4	C. A. Toney	4-16-14	American
168	Prudence Coal Company	Prudence	Earl Allen	4-17-14	American
169	The Mt. Carbon Company, Ltd.	Vulcan	Ernest Wright	4-17-14	Negro
170	White Oak Fuel Company	Wingrove	B. Draka	4-20-14	Polish
171	N. R. & Poca. Cons. Coal Co.	Minden No. 3	M. P. Brown	4-21-14	American
172	White Oak Fuel Company	Carlisle	Joe Christiniak	4-21-14	Polish
173	Cannelton Coal & Coke Co.	No. 2	Clay Ir in	4-22-14	American
174	Loup Creek Colliery Co.	No. 2	E. G. Eades	4-22-14	American
175	Prudence Coal Company	Prudence	Harry Allen	4-22-14	American
176	N. R. & Poca. Cons. Coal Co.	Minden No. 4	Carl Hobbs	4-23-14	American
177	N. R. & Poca. Cons. Coal Co.	Minden No. 3	Alex Gunn	4-23-14	Negro
178	Boomer Coal & Coke Company	No. 2 South	P. Burford	4-24-14	American
179	Columbus Iron & Steel Co.	No. 3	E. Barnhart	4-25-14	American
180	N. R. & Poca. Cons. Coal Co.	Minden No. 2	Jos. Gerhote	4-27-14	Italian
181	Boomer Coal & Coke Company	No. 1	Robert Yancy	4-27-14	American
182	Prudence Coal Company	Lyman No. 1	Frank Payne	4-28-14	American
183	Prudence Coal Company	Prudence	C. W. Higginbotham	4-28-14	Negro
184	Columbus Iron & Steel Co.	No. 1	B. W. Holbert	4-30-14	American
185	White Oak Fuel Company	Scarbro	Howard Jones	4-30-14	Negro
186	Loup Creek Colliery Co.	No. 2	R. Settle	5- 5-14	American
187	Stuart Colliery Co.	Summerlee	Wm. Cox	5- 5-14	American
188	Solvay Collieries Co.	Westerly No. 1	Taylor Turtis	5- 5-14	Negro
189	Signal Knob Coal Company	Signal Knob	Ernest Withrow	5- 5-14	American
190	McKell Coal & Coke Company	Kilsyth	Dave Ashford	5- 7-14	Negro
191	Brown Coal Company	Brown	Carfield Bundrum	5- 8-14	Negro
192	N. R. & Poca. Cons Coal Co.	Minden No. [illegible]	John Oiler	5- 8-14	American
193	M. B. Coal & Coke Company	Elk Ridge No. 2	Monroe Johnson	5-13-14	Negro
194	M. B. Coal & Coke Company	Elk Ridge No. 5	Willie Wallace	5-14-14	Negro
195	Loup Creek Colliery Co.	No. 2	George Boyce	5-19-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
154	3 years	17	Driver	Mine Car	Right leg fractured	I
155		33	Miner	Fall of slate	Lower jaw broken and other injuries	I
156	4 years	51	Loader	Fall of slate	Arm fractured	I
157		17	Driver	Mine Car	Knee fractured	I
158	9 years	34	Miner	Mine Car (squeezed)	Chest and shoulder injured	I
159	30 years	52	Timberman	Fall of slate	Back injured	I
160	47 years	60	Miner	Fall of slate	Ankle fractured	I
161	3 years	44	Miner	Fall of slate	Foot, back and head injured	I
162	7 years	19	Brakeman	Mine Cars	Hips injured	I
163	Many years	28	Miner	Fall of slate	Hips and back injured	I
164		39	Miner	Fall of slate	Back and knee injured	I
165	2 years	17	Miner	Fall of slate	Probable fracture of skull	I
166	4 days	18	Laborer	Fall of slate	One finger amputated	I
167	18 years	33	Miner	Mine Car	Head and internal injuries	I
168	2 years	17	Driver	Thrown off mule	Arm dislocated	O
169	30 years	39	Miner	Premature Explosion	Loss of one, and probably the other, eye	I
170		23	Miner	Explosion of dynamite caps	Right hand injured	I
171		30	Miner	Fall of slate	Knee crushed—hip injured, leg broken	I
172	5 years	31	Driver	Mine Car	Ribs injured	I
173	30 years	47	Machine Helper	Machine Chain	Finger broken	I
174	22 years	34	Miner	Motor and machine truck	Severe injury to hip	I
175	1 year	15	Tippleman	Pump Frame	Great toe badly injured	O
176		17	Brakeman	Fall of slate	Left leg broken	I
177		20	Brakeman	Mine Car	End of finger amputated	I
178	1 year	15	Driver	Mine Car	Right thumb broken	I
179	20 years	36	Driver	Mine Car	Arm injured—rib broken	I
180	1 year	22	W. Baller	Pump Machinery	Three fingers amputated	I
181		27	Driver	Fall of slate	Back and hip injured	I
182	2 years	21	Driver	Mine Car	Two ribs fractured—breast injured	I
183	12 years	41	Miner	Fall of slate	Toe broken	I
184	2 months	26	Loader	Fall of coal	Hand broken	I
185	6 months	38	Miner	Fall of slate	Left hip injured	I
186		22	Miner	Fall of slate	Hip and back injured	I
187	9 years	21	Loader	Gas Explosion	Face and neck burned	I
188	10 years	29	Miner	Powder Explosion	Face and arms burned	I
189	4 years	21	Miner	Fall of slate	Hips injured—bladder ruptured	I
190	3 years	30	Miner	Fall of coal	Fracture of leg	I
191	5 years	25	Miner	Fall of coal	Wrist broken	I
192	5 years	27	Trackman	Fall of coal	Hips injured	I
193	3 years	24	Driver	Fall of coal	Concussion of brain	I
194	7 years	20	Driver	Fall of coal	Head, back and other injuries	I
195	20 years	40	Miner	Fall of coal	Left leg broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
196	Boomer Coal & Coke Co.	No. 2 North	Jesse Massey	5-19-14	American
197	Nuttallburg Smokeless Fuel Co.	Nuttall	Romeo Ellison	5-19-14	American
198	Export Coal Company	Export	Alva Call	5-23-14	American
199	Boomer Coal & Coke Company	No. 2 North	Fortune Hairston	5-25-14	Negro
200	Ballinger Coal Company	No. 1	James Nelson	5-29-14	American
201	Prudence Coal Company	Lyman	J. W. Broch	6- 2-14	American
202	N. R. & Poca. Cons. Coal Co.	Minden No. 4	Anton Torosi	6- 3-14	Lithuanian
203	Ephraim Creek Coal & Coke Co.	Buffalo	John Douglass	6- 4-14	American
204	Beechwood Coal & Coke Co.	No. 1	George Diggs	6- 6-14	Negro
205	Blume Coal & Coke Co.	Blume	Lawrence Wills	6- 8-14	American
206	Blume Coal & Coke Co.	Blume	Sam Flint	6- 8 14	American
207	N. R. & Poca. Cons. Coal Co.	Layland No. 3	John Loving	6-12-14	Negro
208	Holliday Coal Company	Keeney's Creek	Harry Chittern	6-12-14	American
209	Nichol Colliery Co.	Nichol	Albert Watkins	6-15-14	Negro
210	McKell Coal & Coke Company	Derryhale	George Mehalic	6-18-14	Polish
211	N. R. & Poca. Cons. Coal Co.	Minden No. 5	Jos. Koslonsky	6-18-14	Russian
212	White Oak Fuel Company	Scarbro	Howard Jones	6-24-14	Negro
213	N. R. & Poca. Cons. Coal Co.	Layland No. 3	David Hammed	6-26-14	Assyrian
214	N. R. & Poca. Cons. Coal Co.	Minden No. 5	Anton Jamitis	6-26-14	Litvitch
215	N. R. & Poca. Cons. Coal Co.	Layland No. 3	Oscar Davis	6-27-14	Negro
216	White Oak Fuel Company	Wingrove	Tony Regacious	6-27-14	Polish
	GRANT COUNTY.				
217	Buffalo Creek Cumberland Coal Co.	Buffalo	C. F. Renn	3- 7-14	American
	GREENBRIER COUNTY.				
218	Elk Lick Coal Company	Spruce Knob	Mike Skoff	9-30-13	Austrian
	HARRISON COUNTY.				
219	The Consolidation Coal Co.	No. 62	Dennis Kudmore	7- 2-13	Irish
220	Marshall Coal Company	Marshall	Frank Scotchell	7- 8-13	Italian
221	Marshall Coal Company	Marshall	Jos. Erosky	7-16-13	Slavish
222	The Consolidation Coal Co.	No. 35	Dolphin Shields	7-27-13	American
223	The Consolidation Coal Co.	No. 51	Santo Rotund	7-29-13	Italian
224	The Consolidation Coal Co.	No. 35	Sam Ritz	8- 2-13	Italian
225	Madeira-Hill-Clark Coal Co.	Randolph	Micheal Leon	8- 5-13	Italian
226	The Consolidation Coal Co.	No. 39	Joe Orloski	8- 9-13	Russian
227	The Consolidation Coal Co.	No. 49	Frank Adams	8-16-13	Italian
228	Madeira-Hill-Clark Coal Co.	Randolph	Clemmy Pratt	8-25-13	American
229	Byron Coal Company	Althea	Lonnie Novick	9 22-13	Slavish
230	The Consolidation Coal Co.	No. 25	Angelo Marlow	9-22-13	Italian
231	The Consolidation Coal Co.	No. 51	Joe Dewarno	10- 3-13	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
196		21	Brakeman	Mine Post	Right foot fractured	I
197	2 years	18	Loader	Mine Car	Arm broken	I
198	10 years	26	Miner	Fall of slate	Arm fractured—hip crushed	I
199		29	Miner	Fall of coal	Skull fractured—nose broken	I
200	9 years	23	Driver	Mine Car	Foot dislocated—toe lacerated	I
201	3 years	41	Miner	Fall of slate	Hip and back injured	I
202		30	Miner	Fall of slate	Finger amputated	I
203	10 years	22	Motorman	Mine Cars	Hips and legs injured	I
204	3 years	21	Miner	Fall of slate	Leg fractured below knee	I
205	3 years	17	Laborer	Trestle collapsed with motor	Head injured	O
206	5 years	17	Trip Rider	Trestle collapsed with motor	Body and face injured	O
207		32	Miner	Fall of slate	Collar bone fractured and other injuries	I
208	8 years	20	Driver	Mine Car	Back injured	I
209	5 years	19	Brakeman	Mine Car	Fingers on right hand injured	I
210	Many years	34	Miner	Fall of slate	Body injured	I
211	1 year	31	Miner	Fall of slate	Hips injured	I
212	25 years	39	Miner	Fall of slate	Back injured	I
213	1 year	28	Trip Rider	Fell under motor	Both legs and ankle injured	I
214	1 year	30	Miner	Fall of slate	Left leg broken	I
215	6 years	28	Miner	Fall of slate	Ribs fractured—collar bone broken	I
216	5 years	36	Miner	Fall of slate	Back and hip injured	I
	Grant County					
217	5 years	42	Miner	Fall of coal	Arm broken—hip injured	I
	Greenbrier County					
218	2 years	24	Miner	Fall of slate	Arm broken—hips crushed	I
	Harrison County					
219	1 month	29	Slateman	Fall of slate	Back and ankle injured	I
220	6 years	26	Machine Runner	Fall of slate	Fracture of chest bone	I
221	8 years	40	Miner	Fall of slate	Left leg broken—back dislocated	I
222	6 months	20	Driver	Mine Cars	Left ankle crushed	I
223	11 years	33	Miner	Fall of slate	Hip dislocated—head injured	I
224	1 year	29	Miner	Premature Explosion	Face and hands burned	I
225	2 years	34	Miner	Mine Cars	Fracture of left ankle	I
226	1 year	27	Miner	Tampering with dynamite caps	Hand and fingers badly lacerated	I
227	4 years	35	Miner	Fall of coal and slate	Left leg fractured	I
228		19	Tippleman	Fell off tipple	Fractured elbow	O
229	7 years	36	Miner	Fall of slate	Part of thumb severed	I
230		29	Miner	Fall of slate	Ribs fractured—head injured	I
231		47	Slateman	Fall of coal	Left leg broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
232	Hutchinson Coal Co.	Delta	Peter Armstead	10- 6-13	American
233	The Consolidation Coal Co.	No. 32	Herman Krebs	10- 6-13	German
234	The Consolidation Coal Co.	No. 52	D. J. Duval	10-13-13	American
235	Haywood Coal Mining Co.	Monroe	John Bigley	10-13-13	American
236	Virginia-Maryland Coal Corp.	Willard	John Schellia	10-26-13	Italian
237	The Consolidation Coal Co.	No. 60	Harley Leeson	10-27-13	American
238	Byron Coal Company	Althea	Patsy Solato	11- 4-13	Italian
239	Marshall Coal Company	Marshall	Sam Lopes	11- 4-13	Italian
240	The Consolidation Coal Co.	No. 27	Thomas A. George	11- 8-13	American
241	Hutchinson Coal Company	McCandlish	Toney Cora	11- 8-13	Italian
242	Hutchinson Coal Company	Delta	Nick Chickerilla	11-30-13	Italian
243	Madeira-Hill-Clark Coal Co.	Oil	John Youoski	12- 2-13	Polish
244	The Consolidation Coal Co.	No. 64	D. S. Wine	12-23-13	American
245	Madeira-Hill-Clark Coal Co.	Randolph	Ray Simonton	12-26-13	American
246	Madeira-Hill-Clark Coal Co.	Waldo	L. S. Harris	1- 1-14	American
247	The Consolidation Coal Co.	No. 33	Emil Roikka	1-14-14	Swede
248	The Consolidation Coal Co.	No. 32	Albert Strauss	1-14-14	German
249	The Consolidation Coal Co.	No. 54	George Ranker	1-22-14	American
250	Lambert Run Coal Company	Clanson	Joe Piano	2-17-14	Italian
251	Fairmont & Baltimore Coal & Coke Co.	Fairmore	B. H. Stires	2-17-14	American
252	The Consolidation Coal Co.	No. 35	Frank Torch	3-11-14	Italian
253	Hutchinson Coal Company	McCandlish	Frank Lopez	3-16-14	Italian
254	Hutchinson Coal Company	No. 2	John Olives	3-16-14	Italian
255	The Consolidation Coal Co.	No. 51	Joe Long	3-30-14	Italian
256	Vincent Coal Company	Grasselli	Chas. Knight	4- 9-14	American
257	The Consolidation Coal Co.	No. 32	Toney Aurizona	4-15-14	Italian
258	The Consolidation Coal Co.	No. 60	James L. Cain	4-18-14	American
259	Harry B. Coal & Coke Co.	Pitcairn	Frank Rachman	5-14-14	Hungarian
260	The Consolidation Coal Co.	No. 50	C. L. McCartney	5-15-14	American
261	Hutchinson Coal Company	No. 2	James Beton	6- 3-14	Italian
262	Vincent Coal Company	Grasselli	Patsy Billott	6-12 14	Italian
263	The Consolidation Coal Co.	No. 66	Stef Pople	6-13-14	Polish
264	Virginia-Maryland Coal Corp.	Willard	Felix Gumbert	6-22-14	Polish
	KANAWHA COUNTY.				
265	Winifrede Coal Company	Belmont	Jake Mullins	7-15-13	American
266	Eureka Coal Company	No. 3	Robert Gray	8- 9-13	American
267	Cabin Creek Cons. Coal Co.	Quarrier	Sam Hunt	8 12-13	American
268	Standard-Kanawha Coal Mining Co.	Coalridge	G. C. Morris	8-19-13	American
269	Winifrede Coal Company	South	Clifford Cooper	8-19-13	American
270	Cabin Creek Cons. Coal Co.	Quarrier	John E. Jones	9- 3-13	American
271	Cabin Creek Cons. Coal Co.	Shamrock	M. H. Castle	9- 9-13	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
232	....	33	Driver	Mine Car	Rib fractured	I
233	....	28	Loader	Mine Car	Right ankle fractured	I
234	4 years	52	Car Trimmer	Lump of coal	Broken finger	O
235	....	28	Machine Runner	Fall of slate	Ankle fractured	I
236	6 weeks	30	Laborer	Mine Car	Right leg broken	I
237	1 year	17	Trapper	Mine Car	Right arm broken	I
238	1 year	22	Miner	Fall of slate	Back and eye injured	I
239	6 months	54	Laborer	Mine Car	Great toe broken	I
240	....	17	Driver	Mine Car	Fracture of elbow	I
241	1 year	40	Loader	Premature Explosion	Eyes and face injured	I
242	3 months	32	Laborer	Wire Rope	Right leg broken	O
243	....	23	Driver	Mine Car	Dislocated spine and other injuries	I
244	3 years	45	Machine Runner	Fall of coal	Rib fracture and hip injured	I
245	11 years	22	Boss Driver	Mine Car	Right thumb broken	I
246	....	34	Carpenter	Fan blades	Fracture of hip	O
247	5 months	24	Loader	Mine Car	Left arm fractured	I
248	6 months	26	Loader	Fall of slate	Toe broken—head injured	I
249	2 months	44	Pusher	Mine Car	Dislocation of collar bone—thigh injured	I
250	3 months	17	Driver	Mine Cars	Wrist badly injured	I
251	25 years	40	Timberman	Fall of slate	Leg and shoulder injured	I
252	....	21	Miner	Fall of coal	Right leg broken	I
253	8 months	24	Tippleman	Mine Cars	Leg broken	O
254	3 months	20	Driver	Mine Cars	Toes broken	I
255	2 years	32	Slateman	Fell into a barrel	Back and spine injured	I
256	25 years	48	Laborer	Foot hung between boards	Bones broken in foot	O
257	....	33	Driver	Mine Cars	Left leg broken	I
258	....	29	Driver	Mine Timber	Collar bone broken	I
259	7 years	41	Miner	Fall of coal	Ankle broken	I
260	9 months	24	Tippleman	Fell off tipple	Skull crushed and other injuries	O
261	5 years	26	Miner	Fall of slate	Finger nearly severed—eye injured	I
262	14 years	30	Miner	Fall of slate	Leg fractured	I
263	1 week	29	Loader	Premature Explosion	Face, neck and arm burned	I
264	8 years	45	Loader	Fall of slate	Back injured	I
	Kanawha County					
265	12 years	30	Trackman	Fall of slate	Leg broken above knee	I
266	15 years	28	Machine Runner	Fall of slate	Leg broken—ankle dislocated	I
267	15 years	35	Driver	Wire Rope	Fracture of left leg	I
268	8 years	19	Driver	Spragging car	End of finger severed	I
269	5 years	18	Miner	Mine Car	Arm broken—shoulder fractured	I
270	5 years	37	Miner	Fall of slate	Fracture of left leg	I
271	7 years	21	Driver	Mine Car	Fracture of thigh	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
272	Wyatt Coal Company	Berlin	Wash Pennington	9-10-13	American
273	Paint Creek Collieries Co.	Reynolds	John Glenn	9-13-13	American
274	Republic Coal Company	No. 5	Alonzo Morris	9-22-13	American
275	Cabin Creek Cons. Coal Co.	Kayford No. 1	Joe Talari	9-23-13	Italian
276	Cabin Creek Cons. Coal Co.	Shamrock	Lindsey Thacker	9-27-13	American
277	Paint Creek Collieries Co.	Wacomah	Robert Nicholls	9-29-13	American
278	Belmont Coal Company	Belmont	Jess Weaver	9-30-13	American
279	Cabin Creek Cons. Coal Co.	Buckeye	Wm. Thompson	10- 1-13	Negro
280	Paint Creek Collieries Co.	Paint Creek	Hubert Pauley	10- 2-13	American
281	Montgomery Coal Co.	No. 2 Gas	Henry Hardy	10-24-13	Negro
282	Camp Piatt Coal Co.	Belle	J. C. Clark	10-31-13	American
283	Imperial Colliery Co.	No. 3	Joe Hurd	11-11-13	American
284	Cabin Creek Cons. Coal Co.	Thistle	John Canas	11-19-13	Greek
285	Cabin Creek Cons. Coal Co.	Kayford No. 1	Allen Caldwell	12- 9-13	American
286	Paint Creek Collieries Co.	Paint Creek	Jack Ruthven	12-10-13	American
287	Blue Creek Coal & Land Co.	Blakeley No. 3	John Phillips	12-11-13	American
288	Paint Creek Collieries Co.	Scranton	Wm. M. Sales	1- 5-14	American
289	W. Va. Colliery Company	No. 4	Harry Price	1- 9-14	Negro
290	Virginia Coal Company	No. 2	D. Crowder	1-22-14	American
291	Sunday Creek Company	No. 115	H. B. Shifflet	1-23-14	American
292	Cabin Creek Cons. Coal Co.	Kayford	R. V. Ferguson	1-23-14	American
293	Quincy Coal Company	No. 2	Isaac Hancock	1-27-14	American
294	Campbell's Creek Coal Co.	No. 3	Frank Stewart	1-28-14	American
295	W. Va. Colliery Company	No. 3	Ocy Miller	2- 4-14	American
296	Cabin Creek Cons. Coal Co.	United Gas	Sam Long	2- 9-14	Russian
297	Cabin Creek Cons. Coal Co.	Ruby	James McNeely	2-11-14	Negro
298	Virginia Coal Company	No. 1	W. B. Cotrell	2-13-14	American
299	Sunday Creek Company	No. 115	Dean Silman	2-14-14	American
300	Cabin Creek Cons. Coal Co.	Caledonia	J. L. Blevins	3- 1-14	American
301	Cabin Creek Cons. Coal Co.	Rose	D. Lopez	3- 9-14	Italian
302	Cabin Creek Cons. Coal Co.	Shamrock	an Rose	3-12-14	American
303	Morris Fork Coal Company	Turner	Clifford Cart	3-17-14	American
304	Cabin Creek Cons. Coal Co.	Raccoon No. 2 East	R. M. Mullins	3-18-14	American
305	Cabin Creek Cons. Coal Co.	Kayford No. 1	Ross Sacco	3-21-14	Italian
306	Cabin Creek Cons. Coal Co.	Raccoon No. 2 West	T. L. Workman	3-24-14	American
307	Lewis Coal & Coke Co.	No. 2	Paul Jarrel	4- 8-14	American
308	Cabin Creek Cons. Coal Co.	Cherokee	Cecil Brown	4- 9-14	American
309	Cabin Creek Cons. Coal Co.	United Gas	Mike Swarx	4-16-14	Russian
310	Cabin Creek Cons. Coal Co.	United Gas	James Thompson	4-21-14	American
311	Cabin Creek Cons. Coal Co.	Belleclare	Mike Chocolate	4-24-14	Hungarian
312	Cannelton Coal & Coke Co.	No. 1	Henry Wilburn	4-25-14	Negro
313	Belmont Coal Company	Belmont	Wm. Jarvis	5-15-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
272	25 years	47	Machine Runner	Fall of coal	Head and back injured	I
273	25 years	36	Machine Runner	Fall of coal	One rib broken	I
274	2 years	26	Brakeman	Mine Cars	Two ribs broken	I
275	4 years	21	Loader	Fall of coal	Ankle dislocated—foot injured	I
276	4 weeks	36	Laborer	Mine Car	Compound fracture of left leg	O
277		23	Laborer	Mine Car	Right arm fractured	O
278	8 years	28	Machine Runner	Fall of slate	Leg broken	I
279	2 years	23	Machine Runner	Mine Machine	One finger amputated—two injured	I
280		23	Machine Runner	Fall of slate	Leg broken and other injuries	I
281	25 years	60	Miner	Fall of slate	Back and ribs injured	I
282	5 years	30	Miner	Explosion of powder	Head, face and hip injured	I
283	1 year	38	Laborer	Car Dump	Toes injured and amputated	O
284		30	Laborer	Mine Car	Fracture of arm	I
285	15 years	34	Trackman	Fall of slate	Back and hip injured	I
286	1 year	28	Weigh Boss	Iron rail	One finger amputated	O
287	5 years	16	Miner	Fall of slate	Foot crushed	I
288	3 months	14	Trapper	Mine Car	Right arm broken	I
289	6 years	20	Driver	Mine Car	Spine and feet injured	I
290	15 years	30	Miner	Fall of slate	Head, hip and back injured	I
291		63	Loader	Fall of slate	Back, left leg and knees injured	I
292	4 months	16	Carpenter	Fell off building	Left thigh fractured	O
293		45	Trackman	Lifting pipe	Leg fractured	I
294	10 months	22	Miner	Fall of slate	Back and spine injured	I
295	4 years	18	Brakeman	Mine Cars	Left leg broken	I
296	5 years	21	Miner	Premature Explosion	Burned all over	I
297	Sev. years	27	Loader	Premature Explosion	Back and hips injured	I
298	4 years	18	Driver	Mine Car	Arm broken	I
299		41	Loader	Mine Car	Right leg fractured	I
300	23 years	41	Loader	Fall of slate	Eye, face, back and ankle injured	I
301	8 years	56	Miner	Fall of slate	Leg broken	I
302	7 years	23	Asst. M. Foreman	Mine Car	One finger off—two mashed	I
303	3 years	15	Miner	Fall of slate	Arm, back and leg injured	I
304	Sev. years	27	Machine Runner	Machine Bits	Compound fracture of leg	I
305	8 years	32	Miner	Fall of coal	Back injured	I
306	30 years	48	Miner	Fall of slate	Back injured	I
307		17	Tippleman	Mine Car	End of finger severed	O
308	1 year	15	Trapper	Mine Cars	One finger amputated—one injured	I
309	7 years	22	Loader	Fall of slate	Head, shoulder, arm and leg injured	I
310	5 years	20	Driver	Fall of slate	Hip dislocated and other injuries	I
311	2 years	53	Loader	Premature Explosion	Fractured leg	I
312	6 years	20	Driver	Mine Cars	Hip dislocated	I
313	15 years	49	Loader	Fall of slate	Head and breast injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
314	Belmont Coal Company	Belmont	Chas. Bray	5-15-14	American
315	Belmont Coal Company	Belmont	Ed. Tucker	5-15-14	American
316	Belmont Coal Company	Belmont	John E. Crickmer	5-15-14	American
317	Sunday Creek Company	No. 114	Bud Beckett	5-21-14	American
318	Cabin Creek Cons. Coal Co	Cherokee	Percy Snodgrass	5-22-14	American
319	Cabin Creek Cons. Coal Co	Black Tulip	Weseim Sabit	6- 1-14	Turk
320	Cabin Creek Cons. Coal Co	United Gas	George Suspender	6- 5-14	Hungarian
321	Standard-Kanawha Coal Mining Co	Standard	Luther Litchfield	6- 8-14	American
322	Standard-Kanawha Coal Mining Co	Standard	Elisha Litchfield	6- 8-14	American
323	Cabin Creek Cons. Coal Co	Belleclare	John Fare	6-10-14	Roumanian
324	Cabin Creek Cons. Coal Co	Acme	George Nelson	6-11-14	American
325	Cabin Creek Cons. Coal Co	Raccoon Gas	Fred Clark	6-17-14	American
326	Cabin Creek Cons. Coal Co	Buckeye	Wm. Brown	6-24-14	Negro
327	Cabin Creek Cons. Coal Co	Davis	John Massey	6-26-14	American
328	Imperial Colliery Co	No. 3	Pitt Quarles	6-29-14	Negro
	LEWIS COUNTY.				
329	Kroger Gas Coal Company	Polar	J. S. Smith	10-15-14	American
	LOGAN COUNTY.				
330	Coal Valley Mining Co	Sylvia	John Gore	7- 2-13	American
331	Aracoma Coal Company	Aracoma	Leonard Ellis	7-15-13	American
332	Virginia-Buffalo Coal Co	Virginia-Buffalo	C. C. Christian	7-28-13	American
333	Monitor Coal & Coke Co	No. 1	Chas Parsons	7-30-13	American
334	Mifflin Coal Company	Mifflin	Ed. Lawrence	8-22-13	American
335	Rex Coal & Coke Co	Rex	Davis Craft	10-27-13	American
336	Black Hawk Colliery Co	Black Hawk	Carr Adkins	11- 4-13	American
337	Monitor Coal & Coke Co	No. 1	Alverick Krouper	11-10-13	Polish
338	Aracoma Coal Company	No. 2	Henry Fergison	11-14-13	American
339	Monitor Coal & Coke Co	No. 1	Nick Brush	11-22-13	Italian
340	Monitor Coal & Coke Co	No. 1	Floyd Noe	12- 1-13	American
341	Coal Valley Mining Co	Sylvia	Tom Barton	12- 9-13	Scotch
342	The Ethel Coal Company	No. 1	Dan Kish	12-11-13	Hungarian
343	The Ethel Coal Company	No. 1	George Johnson	12-24-13	Negro
344	United States Coal & Oil Co	No. 2	Miklos Grago	1- 3-14	Roumanian
345	D. C. Thomas Coal Co	Grace	T. M. Ratcliff	1- 9-14	American
346	Coal River Coal & Coke Co	Dobra	Wm. Akers	1-13-14	American
347	Virginia-Buffalo Coal Co	Virginia-Buffalo	Burdine Christian	2- 3-14	American
348	Virginia-Buffalo Coal Co	Virginia-Buffalo	Earl Christian	2- 3-14	American
349	Virginia-Buffalo Coal Co	Virginia-Buffalo	Joe Christian	2- 3-14	American
350	Logan Mining Company	Manitoba	Gid Harris	2-10-14	American
351	The Opperman Coal Company	Opperman	Walter Jones	2-21-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
314	10 years	24	Driver	Fall of slate	Face and neck injured	I
315	20 years	34	Driver	Fall of slate	Back and hips injured	I
316		14	Loader	Fall of slate	Leg broken	I
317		21	Loader	Fall of slate	Right leg fractured	I
318	1 year	16	Driver	Mine Car	Dislocation of clavical—rib fractured	I
319	18 months	36	Loader	Mine Car	Hips and thigh injured	I
320	10 years	32	Driver	Mine Car	Hip and shoulder injured	I
321	Sev. years	42	Miner	Blown through shot	Leg broken	I
322	3 years	16	Miner	Blown through shot	Sprained ankle and other injuries	I
323	1 year	24	Loader	Fall of slate	Fracture of left radius	I
324	7 years	28	Loader	Fall of slate	Back and hip injured	I
325	8 years	21	Motorman	Fell off motor	Collar bone fractured	I
326	11 years	24	Driver	Mine Car	Elbow dislocated	I
327	8 years	28	Driver	Mine Car	Back and hips injured	I
328	20 years	39	Loader	Fall of slate	Toe broken—foot mashed	I
	Lewis County					
329	27 years	48	Miner	Premature Explosion	Arm broken	I
	Logan County					
330	10 years	39	Slateman	Fall of slate	Arm broken and other injuries	I
331	8 years	20	Brakeman	Mine Cars	Left leg crushed	I
332		22	Driver	Mine Car	Spinal column dislocated	I
333	5 years	23	Brakeman	Mine Car	Arm fractured	I
334	30 days	26	Miner	Mine Car	Leg broken	I
335	1 year	35	Miner	Fall of slate	Back and hips injured	I
336		37	Miner	Flying coal from blast	Leg fractured	I
337		21	Driver	Mine Car	Finger amputated	I
338		21	Motorman	Wire Reel	Fracture of right leg	I
339		28	Loader	Fall of slate	Great toe broken	I
340	4 months	24	Driver	Mine Car	Hip squeezed	I
341	4 years	19	Brakeman	Mine Car	Two fingers broken	I
342	1 year	44	Loader	Mine Car	Rib fractured	I
343	5 years	25	Driver	Mine Car	Hips mashed	I
344	2 years	25	Brakeman	Motors collide	Fracture and dislocated wrist	I
345	5 years	23	Electrician	Fall of slate	Back and hip injured	I
346		21	Machine Helper	Mine Machine	Leg broken below ankle	I
347	6 months	19	Miner	Explosion of powder	Face, hands and body burned	O
348		17	Miner	Explosion of powder	Face, hands and body burned	O
349	6 months	28	Miner	Explosion of powder	Face, hands and body burned	O
350	2 years	17	Driver	Kicked by a mule	Fracture of skull	I
351	20 years	39	Loader	Fall of slate	Back and shoulder injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
352	Spruce River Coal Company	Spruce Valley	Sam Noroval	2-27-14	Polish
353	Monitor Coal & Coke Company	Beechwood	Millard Epperley	3- 7-14	American
354	Monitor Coal & Coke Company	No. 1	Frank Zarnell	4- 3-14	Italian
355	Kohinoor Coal & Coke Co.	Big Vein	Luther Canada	4-23-14	American
356	Rex Coal & Coke Company	Rex	Wm. Ball	5- 7-14	American
357	The Ethel Coal Company	No. 2	Gaetano Tarquinio	5-13-14	Italian
358	Yuma Coal & Coke Company	Yuma	Joe Romer	5-25-14	Italian
359	Monitor Coal & Coke Company	No. 3	Lee Hoden	5-15-14	American
360	Logan Mining Company	Manitoba	James Colo	6- 2-14	Italian
361	U. S. Coal & Oil Company	No. 2	Nick Flasher	6-16-14	Roumanian
	MARION COUNTY.				
362	Federal Coal & Coke Company	Federal	Chas. Redman	7- 2-13	American
363	The Consolidation Coal Co.	No. 26	Harry Estep	7- 9-13	American
364	The Consolidation Coal Co.	No. 28	Andy Bobbyock	7-11-13	Slavish
365	The Consolidation Coal Co.	No. 43	Wm. Rosser	7-11-13	American
366	Jamison Coal & Coke Co.	No. 8	Egnot Larry	8-11-13	Russian
367	Federal Coal & Coke Co.	Federal	Frank Moro	8-11-13	Italian
368	The Consolidation Coal Co.	No. 38	Angelo Dimitto	8-12-13	Italian
369	Virginia-Pittsburg Coal & Coke Co.	Kingmont	Toney Pack	8-14-13	Polish
370	The Consolidation Coal Co.	No. 43	George Thompson	8-21-13	American
371	Fairmont & Cleveland Coal Co.	Parker Run	C. I. Stutler	9- 2-13	American
372	The Consolidation Coal Co.	No. 53	Guiseppi Batista	9- 8-13	Italian
373	The Consolidation Coal Co.	No. 24	Chas. Richie	9-16-13	American
374	The Consolidation Coal Co.	No. 63	Peter Desalvo	9-18-13	Italian
375	Fairmont & Cleveland Coal Co.	Parker Run	W. F. Ash	9-18-13	American
376	Jamison Coal & Coke Co.	No. 8	Dan Radis	10- 6-13	Polish
377	Jamison Coal & Coke Co.	No. 8	Toney Trova	10- 6-13	Austrian
378	Jamison Coal & Coke Co.	No. 8	John Voisnic	10- 7-13	Polish
379	The Consolidation Coal Co.	No. 24	Andy Vazar	10- 9-13	Slavish
380	The Consolidation Coal Co.	No. 24	H. K. Ash	10-15-13	American
381	The Consolidation Coal Co.	No. 22	Dom Pietroluca	10-15-13	Slavish
382	The Consolidation Coal Co.	No. 56	L. L. Pryers	10-30-13	American
383	Virginia & Pittsburg Coal & Coke Co.	Kingmont	Louis Police, Jr.	11- 1-13	Italian
384	Jamison Coal & Coke Co.	No. 7	Mike Krysto	11- 1-13	Austrian
385	The Consolidation Coal Co.	No. 24	Tom Tony	11- 6-13	Austrian
386	Federal Coal & Coke Co.	Federal	Andy Losch	11-11-13	Russian
387	Federal Coal & Coke Co.	Federal	John Shumick	11-12-13	Russian
388	Jamison Coal & Coke Co.	No. 8	Andy Plasha	11-20-13	Austrian
389	The Consolidation Coal Co.	No. 24	W. R. Rice	11-29-13	American
390	Jamison Coal & Coke Co.	No. 8	Pete Dremovic	12-16-13	Austrian
391	Federal Coal & Coke Co.	Federal	Wm. Camire	12-16-13	Austrian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
352	Sev. years	35	Miner	Mine Car	Right leg crushed	I
353	3 years	20	Driver	Mine Cars	Hip dislocated	I
354	Sev. years	25	Driver	Tail chain hook	Broken finger	I
355	12 years	30	Machine Runner	Machine Bits	Foot and leg badly injured	I
356	32 years	57	Miner	Fall of slate	Hips, back and thigh injured	I
357	2 years	32	Machine Helper	Machine Chain	Ankle badly cut	I
358	....	22	Brakeman	Motor	Bone broken in foot	I
359	....	43	Bratticeman	Fall of timber	Finger broken	I
360	6 months	47	Loader	Fall of slate	Leg and ribs broken	I
361	....	38	Loader	Fall of slate	Leg and arm broken	I
	Marion County					
362	20 years	32	Pumper	Motor	Right leg fractured	I
363	....	16	Driver	Mine Car	Finger amputated	I
364	8 years	38	Miner	Fall of slate	Back and spine injured	I
365	....	21	Driver	Mine Car	Collar bone fractured	I
366	9 months	29	Loader	Fall of slate	Fractured clavicle—chest squeezed	I
367	2 years	25	Driver	Mine Car	Fracture of left clavicle	I
368	5 years	29	Loader	Mine Car	Right leg broken	I
369	18 years	37	Miner	Flying coal from pick	Loss of one eye	I
370	15 years	28	Wire Man	Fall of slate	Knee fractured	I
371	15 years	35	Trackman	Fall of slate	Back injured	I
372	2 years	34	Miner	Mine Car	One finger amputated	I
373	....	35	Motor	Mine Car	Arm fractured—finger amputated	I
374	....	36	Miner	Trolley wire	Fracture of right limb	I
375	20 years	36	Mine Foreman	Mine Car	Right arm broken	I
376	7 years	24	Laborer	Fall of slate	Left arm fractured	I
377	6 years	25	Loader	Fall of coal	Back seriously injured	I
378	24 years	44	Miner	Fall of slate	Ribs fractured—body injured	I
379	10 years	40	Miner	Fall of slate	Back and legs injured	I
380	....	56	Various	Mine Car	Both feet injured	I
381	....	27	Miner	Fall of coal	Fingers fractured	I
382	10 months	38	Machine Runner	Mining Machine	Left foot badly injured	I
383	2 years	16	Driver	Mine Car	Chest badly lacerated	I
384	4 days	18	Miner	Fall of roof	Head and back injured	I
385	2 weeks	24	Miner	Premature Explosion	One eye destroyed—the other may be	I
386	3 months	33	Loader	Fell from electric shock	Rib fractured and other injuries	I
387	6 weeks	26	Driver	Mine Car	Fracture of tibia	I
388	1 year	24	Trackman	Fall of slate	Both feet injured—loss of three toes	I
389	6 months	52	Carpenter	Mine Car	Fracture of leg	O
390	7 years	47	Miner	Fall of slate	Chest, back and ear injured	I
391	2 years	35	Laborer	Mine Car	Finger amputated	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
392	Jamison Coal & Coke Co.	No. 9	Joe Dummervick	12-24-13	Austrian
393	Four States Coal & Coke Co.	Annabelle	J. C. Davis	1- 4-14	American
394	Jamison Coal & Coke Co.	No. 9	Albert Miller	1- 7-14	Polish
395	Federal Coal & Coke Co.	Federal	John Rimmel	1-10-14	American
396	The Consolidation Coal Co.	No. 53	Fred Domico	1-16-14	Italian
397	Jamison Coal & Coke Co.	No. 9	Chas. Walters	1-22-14	American
398	Jamison Coal & Coke Co.	No. 9	George Rockish	1-22-14	Austrian
399	The Consolidation Coal Co.	No. 22	Nicola Demarie	1-28-14	Italian
400	Jamison Coal & Coke Co.	No. 7	Joe Dragovich	1-31-14	Austrian
401	The Consolidation Coal Co.	No. 63	Magolotti Romano	2- 2-14	Italian
402	Four States Coal & Coke Co.	Annabelle	Joe Lemarke	2- 5-14	Polish
403	Federal Coal & Coke Co.	Federal	Steve Semenich	2-11-14	Horwat
404	Federal Coal & Coke Co.	Federal	James Coleman	2-11-14	German
405	The Consolidation Coal Co.	No. 22	Francesco Protsell	2-13-14	Italian
406	Federal Coal & Coke Co.	Federal	Toney Sabbot	2-17-14	Russian
407	The Consolidation Coal Co.	No. 26	Frank Cowall	3- 5-14	Italian
408	The Consolidation Coal Co.	No. 43	John Hatajik	3- 9-14	Slavish
409	Virginia & Pittsburg Coal & Coke Co.	Morgan	R. Stewart	3-16-14	American
410	Harry B. Coal Company	Junior	Tepo Nickodam	3-17-14	Italian
411	Jamison Coal & Coke Co.	No. 8	Thomas Angott	3-17-14	Italian
412	The Consolidation Coal Co.	No. 53	Joe Patrilla	3-21-14	Italian
413	Jamison Coal & Coke Company	No. 8	Dan Karsonic	3-24-14	Austrian
414	The Consolidation Coal Co.	No. 43	Sherman Wiley	4- 1-14	American
415	The Consolidation Coal Co.	No. 43	Mike Flanuck	4- 1-14	Croatian
416	Fairmont & Cleveland Coal Co.	Parker Run	Wm. Collins	4- 2-14	Polish
417	Jamison Coal & Coke Co.	No. 7	Dan Gamble	4- 7-14	Russian
418	Jamison Coal & Coke Co.	No. 9	John Conoski	4-10-14	Russian
419	Jamison Coal & Coke Co.	No. 7	Sam Melosky	4-10-14	Austrian
420	The Consolidation Coal Co.	No. 43	Mike Bradis	4-11-14	Croatian
421	Jamison Coal & Coke Co.	No. 9	Frank Lillits	4-17-14	Austrian
422	The Consolidation Coal Co.	No. 43	George Andress	4-28-14	American
423	Federal Coal & Coke Company	Federal	Steve Shenelevich	5- 1-14	Russian
424	The Consolidation Coal Co.	No. 22	J. H. Brumage	5- 8-14	American
425	Federal Coal & Coke Company	Federal	Mike Kossic	5-11-14	Slavish
426	Jamison Coal & Coke Co.	No. 8	Steve Gregrich	5-19-14	Austrian
427	Jamison Coal & Coke Co.	No. 9	Ignots Negar	5-20-14	Hungarian
428	Federal Coal & Coke Co.	Federal	Cecil Fluharty	5-23-14	American
429	The Consolidation Coal Co.	No. 22	Frank Folia	5-25-14	Italian
430	Jamison Coal & Coke Co.	No. 7	Chas. Moore	5-16-14	American
431	Jamison Coal & Coke Co.	No. 8	Sam Bifore	5-28-14	Italian
432	The Consolidation Coal Co.	No. 63	Alec Mehmed	5-29-14	Turk
433	The Consolidation Coal Co.	No. 47	Pete Angeletta	6- 3-14	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
392	4 years	21	Motorman	Collision of motors	Ribs broken—body injured	I
393	2 years	28	Machine Helper	Fall of slate	Body injured	I
394		23	Driver	Mine Cage	Side and body crushed	I
395	5 years	54	Cager	Mine Car	Fracture of collis	I
396		31	Miner	Fall of slate	Nose broken and other injuries	I
397	2 years	22	Machine Runner	Fall of slate	Back and arm injured	I
398		19	Loader	Fall of slate	Head and pelvis injured	I
399	5 years	22	Miner	Mine Car	Head crushed—bones broken	I
400	2 months	29	Miner	Mine Car	Three ribs broken	I
401		38	Miner	Mine Car	Finger amputated	I
402		21	Loader	Fall of slate	Head badly crushed	I
403	5 months	22	Driver	Mine Car	Spine injured	I
404	2 years	20	Brakeman	Motor and car	Right foot amputated	I
405	3 years	19	Miner	Fall of slate	Fracture of tibia	I
406	1 month	34	Loader	Mine Car	Fracture of shoulder	I
407	12 years	40	Miner	Fall of slate	Left leg fractured and other injuries	I
408		29	Miner	Fall of slate	Fracture of left tibia	I
409	4 months	16	Driver	Mine Car	Left leg broken	I
410	3 years	38	Miner	Explosion of powder	Right leg broken	I
411	4 years	30	Motorman	Motor	Fractured clavicle	I
412		41	Miner	Fall of coal	Fracture of right fibula	I
413	4 years	19	Motorman	Motor	Skull fractured	I
414	1 year	24	Machine Runner	Mining machine	Small toe fractured, one toe mashed	I
415	5 months	35	Laborer	Fall of slate	Fracture of rib and clavicle	I
416	2 years	17	Driver	Mine Cars	Right leg badly mashed	I
417	10 years	27	Coupler	Mine Cars	Collar bone fractured	I
418	2 years	19	Driver	Mine Cars	Hip crushed	I
419	4 years	30	Driver	Mine Cars	Leg broken above knee	I
420		32	Driver	Mine Cars	Fracture of clavicle	I
421		32	Driver	Mine Cars	Arm and ribs broken	I
422	15 years	57	Miner	Mine Cars	Fracture of left thigh	I
423	4 months	20	Loader	Fall of coal	Fractured tibia—knee injured	I
424	14 years	35	Carpenter	Electric Saw	Right arm fractured	O
425	2 years	29	Loader	Horse and post	Arm dislocated and other injuries	I
426		44	Miner	Fall of slate	Left leg fractured	I
427	6 years	46	Loader	Mine Cars	Both legs broken	I
428	2 years	18	Brakeman	Motor	Fracture of rib—arm and thigh injured	I
429	19 years	43	Miner	Fall of coal	Jaw fractured—arm and thigh injured	I
430	16 years	27	Brakeman	Mine Car	Thumb nearly severed	I
431	4 years	46	Laborer	Timbers	Finger fractured	O
432		31	Miner	Mining Machine	Fracture of tibia and fibula	I
433	6 weeks	18	Miner	Explosion of cartridge	Both hands, arm, shoulder, face burned	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
434	The Consolidation Coal Co.	No. 47	Larry Demasi	6- 3-14	Italian
435	Jamison Coal & Coke Co.	No. 8	John Conzion	6- 3-14	Italian
436	The Consolidation Coal Co.	No. 22	Pietro Migliorni	6- 4-14	Italian
	MARSHALL COUNTY.				
437	Wheeling Steel & Iron Co.	Benwood	James Cook	8-15-13	American
438	Wheeling Steel & Iron Co.	Benwood	Patsy Gentile	11-14-13	Italian
439	Ben Franklin Coal Co. of W. Va.	Panama	John Davidson	2-13-14	Russian
440	Wheeling Steel & Iron Co.	Benwood	Mems Burley	3-10-14	American
441	Wheeling Steel & Iron Co.	Benwood	Dan Kimble	6-25-14	American
	MASON COUNTY.				
442	Jackson Coal & Mining Co.	Jackson	C. B. Roush	1-14-14	American
443	Hutchinson Coal Co.	Linden	R. Turnbull	5-11-14	American
	McDOWELL COUNTY.				
444	Powhatan Coal & Coke Co.	Powhatan	Kutis Gubose	7- 3-13	Hungarian
445	J. B. B. Coal Company	No. 2	Ben Bailey	7-11-13	Negro
446	Powhatan Coal & Coke Co.	East	John Lumsford	7-18-13	American
447	Pocahontas Cons. Collieries Co.	No. 7-1	Joe Yuracesk	7-19-13	Hungarian
448	J. B. B. Coal Co.	No. 4	John Wellman	7-19-13	American
449	Shawnee Coal & Coke Co.	Shawnee	Joe Grandy	7-19-13	Negro
450	Solvay Collieries Co.	Marytown	Will White	7-21-13	American
451	Mill Creek Coal & Coke Co.	Rock Heading	Oscar Tabor	7-24-13	American
452	Excelsior-Poca. Coal Co.	Excelsior	J. M. Day	8- 6-13	American
453	Middle States Coal & Coke Co.	Huger	Wm. Morrison	8- 8-13	Negro
454	Empire Coal & Coke Co.	Empire	M. C. Hardiman	8- 9-13	American
455	Carter Coal Company	Nora	Roy Simpson	8-10-13	Negro
456	Algoma Coal & Coke Co.	Piney	J. A. Wright	8-14-13	Negro
457	Middle States Coal & Coke Co.	Huger	Wm. Defilice	8-14-13	Italian
458	Buchanan Coal Company	Buchanan	John Smith	8-14-13	English
459	Algoma Coal & Coke Co.	Piney	D. W. Hilton	8-15-13	Negro
460	Powhatan Coal & Coke Co.	East	Dan Slonaker	8-18-13	American
461	Pocahontas Cons. Collieries Co.	Lick Branch	Robert Maiden	8-18-13	American
462	Roanoke Coal & Coke Co.	Roanoke	John Skipup	8-19-13	Italian
463	Elk Ridge Coal & Coke Co.	Elk Ridge	John Quasie	8-20-13	Italian
464	Bottom Creek Coal & Coke Co.	No. 1	John Martin	8-21-13	Negro
465	Poca. Cons. Collieries Co.	No. 6-4	James Steward	8-26-13	Negro
466	Poca. Cons. Collieries Co.	Shamokin	C. Polkey	8-27-13	Russian
467	N. R. & Poca. Cons. Coal Co.	Berwind	J. L. Hawkins	8-27-13	Negro
468	Superior Poca. Coal Co.	Cletus	Robert Hicks	8-18-13	Negro
469	Pocahontas-Domestic Coal Co.	Scorpion	Theo. Staton	9- 1-13	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
434	4 months	19	Miner	Explosion of cartridge	Hand, arm and ankle burned	I
435	4 years	..	Tippleman	Mine Car	Finger broken—hand lacerated	O
436	1 month	32	Miner	Fall of slate	Fracture of left leg	I
	Marshall County					
437	2 years	55	Loader	Mine Cars	Two fingers amputated	I
438		27	Miner	Mine Post	Left leg broken	I
439	2 years	32	Loader	Fall of slate	Leg broken	I
440	Sev. years	32	Machine Runner	Mining machine	Ribs broken	I
441	6 months	17	Miner	Fall of coal	Arm and back injured	I
	Mason County					
442		41	Miner	Fall of slate	Back and hips injured	I
443	20 years	39	Miner	Fall of slate	Back, hip and leg injured	I
	McDowell County					
444		49	Car Pusher	Mine Car	Leg broken above ankle	O
445		24	Miner	Fall of slate	Leg broken	I
446	7 years	48	Miner	Fall of slate	Right leg broken	I
447	3 years	35	Miner	Mine Car	Leg broken below knee	I
448	Sev. years	39	Miner	Fall of coal and slate	Left leg fractured	I
449	2 years	24	Miner	Fall of slate	Arm and ankle broken	I
450	9 years	26	Miner	Fall of slate	Dislocation of vertebrae spine injured	I
451		18	Brakeman	Fall of slate	Foot fractured	I
452	8 years	23	Machine Runner	Mining Machine	Left leg fractured	I
453	15 days	22	Loader	Explosion of dynamite caps	Thumb and finger severed	I
454	8 years	33	Tippleman	Machinery	Left arm amputated	O
455		23	Miner	Mine Cars	Foot injured and amputated	O
456	Sev. years	30	Driver	Mine Cars	Collar bone broken	I
457	8 years	26	Brakeman	Mine Cars	Shoulder, head, breast and hips crushed	I
458	3 years	18	Driver	Mine Car	Left arm broken	I
459	Sev. years	38	Miner	Fall of coal	Foot mashed and amputated	I
460	Sev. years	55	Trackman	Fall of coal	Left leg fractured—right injured	I
461	4 years	24	Miner	Fall of slate	Right leg broken	I
462		24	Miner	Fall of slate	Left leg broken—back injured	I
463	7 years	35	Miner	Fall of coal	Leg broken—jaw fractured	I
464	5 years	38	Driver	Water Car	Back broken	I
465	4 months	20	Brakeman	Mine Car	Skull fractured—four fingers amputated	I
466	2 years	18	Miner	Fall of coal	Collar bone broken—other injuries	I
467	15 years	32	Larry Runner	Trailer collided with larry	Leg broken	O
468	3 years	30	Loader	Mine Car	Right leg fractured	I
469	14 years	31	Miner	Fall of slate	Two ribs broken—other injuries	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
470	Ashland Coal & Coke Co.	Ashland	Robert Rash	9- 3-13	American
471	Page Coal & Coke Co.	No. 3	Steve James	9- 8-13	American
472	Pulaski Iron Company	No. 2	Wm. Marshall	9-10-13	Negro
473	Pulaski Iron Company	No. 2	Sid Hairston	9-10-13	Negro
474	Lake Superior Coal Co.	No. 2	Jess Jewell	9-17-13	American
475	Lake Superior Coal Co.	No. 2	Wm. King	9-22-13	Negro
476	Bottom Creek Coal & Coke Co.	No. 1	G. E. Powell	9-23-13	American
477	Peerless Coal & Coke Co.	Peerless	John Hachkor	9-25-13	Polish
478	The Tidewater Coal & Coke Co.	Tidewater	John Gloria	9-29-13	Italian
479	Houston Coal & Coke Co.	No. 1	Steve Barruh	9-29-13	Russian
480	Poca. Cons. Collieries Co.	No. 6-1	J. H. McCrider	10- 2-13	American
481	J. B. B. Coal Co.	Hensley No. 1	George Meuncha	10- 3-13	American
482	Crozer Coal & Coke Co.	No. 2	Ed. Evans	10- 8-13	Negro
483	U. S. Coal & Coke Co.	No. 2	Peter Suitsek	10-10-13	Slavish
484	Poca. Cons. Collieries Co.	Rolfe	Steve Beser	10-13-13	Hungarian
485	Bottom Creek Coal & Coke Co.	No. 1	Wm. Grey	10-15-13	American
486	Turkey Gap Coal & Coke Co.	Turkey Gap	Mike Coach	10-16-13	Russian
487	Poca. Cons. Collieries Co.	Lick Branch	L. A. Hairston	10-20-13	Negro
488	The Empire Coal & Coke Co.	Empire	Spencer Watkins	10-27-13	Negro
489	King Coal Company	King	Piola Maurizio	10-27-13	Italian
490	The Empire Coal & Coke Co.	Empire	John Abrams	10-29-13	Negro
491	The Tidewater Coal & Coke Co.	Tidewater	R. Hubbard	10-29-13	Negro
492	Poca. Cons. Collieries Co.	Angle	Frank Rich	10-29-13	Italian
493	Middle States Coal & Coke Co.	Huger	Richard August	11- 5-13	Italian
494	Elkhorn Coal & Coke Co.	Elkhorn	Champ Wright	11- 5-13	Negro
495	Bottom Creek Coal & Coke Co.	No. 2	M. Mullins	11- 7-13	American
496	The Empre Coal & Coke Co.	Empire	George Dixon	11-18-13	American
497	Algoma Coal & Coke Co.	Piney	Fred Spradley	11-20-13	Negro
498	Pulaski Iron Company	No. ?	W. B. Boyd	11-20-13	American
499	Greenbrier Coal & Coke Co.	Greenbrier	Ed. Spencer	11-21-13	American
500	Buchanan Coal Company	Buchanan	Isom Breeding	11-21-13	American
501	Middle States Coal & Coke Co.	Huger	Wm. Fugerson	11-22-13	Negro
502	Ashland Coal & Coke Co.	Ashland	Lester Shelton	11-24-13	Negro
503	Superior-Pocahontas Coal Co.	No. 1	Wm. Bishop	11-24-13	American
504	Page Coal & Coke Co.	No. 1	Sam Wade	11-24-13	Negro
505	Oregon Coal Company	No. 2	Edward Scott	11-24-13	Negro
506	Pulaski Iron Company	No. 1	Taze Phillips	11-25-13	American
507	Powhatan Coal & Coke Co.	East & West	Lee Pennington	11-27-13	American
508	Ashland Coal & Coke Co.	Ashland	George Semon	11-28-13	Hungarian
509	Columbus-Pocahontas Coal Co.	Columbus	Asbury Sparks	11-28-13	American
510	Bottom Creek Coal & Coke Co.	No. 2	Dan Hardin	11-29-13	American
511	Zenith Coal & Coke Co.	Zenith	Salvadore Padoulni	11-29-13	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
470	5 years	21	Driver	Mine Car	Leg broken—hip injured	I
471	10 months	27	Miner	Fall of coal	Left leg fractured	I
472		35	Driver	Mine Cars	Foot fractured	I
473		21	Tippleman	Mine Car	Foot crushed and amputated	O
474	7 years	25	Machine Runner	Mining Machine	Finger injured and amputated	I
475	Sev. years	28	Loader	Fall of slate	Leg broken	I
476	2 years	20	Miner	Fall of slate	Arm broken	I
477	2 years	35	Miner	Fall of slate	Leg broken—back injured	I
478		30	Miner	Fall of coal	Leg broken	I
479	2 months	27	Miner	Fall of slate	Fracture of right tibia	O
480	12 years	22	Motorman	Mine Cars	Muscles of right leg severed	I
481	10 years	35	Miner	Fall of slate	Back seriously injured	I
482	10 years	32	Miner	Fall of coal	Right arm fractured	I
483	7 years	26	Miner	Fall of slate	Back badly injured	I
484	7 years	39	Miner	Fall of slate	Rib broken and other injuries	I
485	9 years	24	Miner	Fall of coal	Right leg broken	I
486		32	Miner	Fall of coal	Leg broken	I
487	8 years	32	Miner	Fall of slate	Bone broken in foot	I
488	10 years	32	Miner	Explosion of powder	Face, arm and shoulder injured	I
489		22	Miner	Fall of slate	Leg broken	I
490		21	Miner	Fall of coal	Fracture of dorsal vertebra	I
491	6 years	19	Driver	Mine Cars	Leg broken	I
492	5 years	22	Laborer	Fall of coal	Right leg fractured	I
493	7 years	32	Miner	Fall of slate	Leg broken	I
494	Sev. years	35	Miner	Fall of slate	Rib broken and other injuries	I
495		17	Laborer	Wire rope on incline	Fracture of tibia	I
496		18	Fire Boss	Fall of slate	Back injured	O
497	Sev. years	21	Miner	Fall of slate	Back and arm injured	I
498	7 months	29	Laborer	Fall of track frog	Fracture of toes	I
499	5 years	26	Driver	Mine Car	Hips and bowels injured	O
500	3 months	19	Miner	Mine Car	Leg broken below knee	I
501	6 years	30	Cager	Mine Car	Ankle dislocated	I
502	5 years	23	Driver	Kicked by a mule	Fracture of breast bone	I
503	5 years	39	Tippleman	Slate car	Dislocation of foot	O
504	4 years	26	Miner	Fall of slate	Back and leg injured	O
505	2 years	26	Miner	Fall of slate	Back injured	I
506		25	Miner	Fall of coal	Leg and knee injured	I
507	15 years	35	Motorman	Mine Cars	Hand badly mashed	I
508	3 years	27	Miner	A rail fell on foot	Broken toe	I
509	4 years	27	Miner	Fall of slate	Back injured	I
510		19	Miner	Mine Car	Badly lacerated foot	I
511	2 years	20	Miner	Fall of coal	Two toes broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
512	Middle States Coal & Coke Co.	Huger	Frank Donito	12- 1-13	Italian
513	Pocahontas Cons. Collieries Co.	No. 8	Henry Gold	12- 2-13	American
514	Empire Coal & Coke Co.	Empire	Riley Watson	12- 3-13	Negro
515	King Coal Company	King	Wm. Chumley	12-10-13	Negro
516	Superior-Pocahontas Coal Co.	No. 4	Ben Cherry	12-10-13	American
517	Pocahontas Cons. Collieries Co.	Rolfe	Jack Slosser	12-13-13	Slavish
518	Pocahontas Cons. Collieries Co.	Cirrus	Angelo Cost	12-15-13	Italian
519	Middle States Coal & Coke Co.	Huger	Antoney Chmielesskie	12-15-13	Russian
520	Page Coal & Coke Co.	No. 3	George Buford	12-16-13	Negro
521	The Tidewater Coal & Coke Co.	Tidewater	Vacalbre Pasquale	12-17-13	Italian
522	Solvay Collieries Co.	Big Sandy	F. L. Morris	12-30-13	American
523	Pocahontas Cons. Collieries Co.	Lick Branch	W. E. Elliott	12-30-13	American
524	Ashland Coal & Coke Co.	Monitor	Dommick Soka	1- 2-14	Italian
525	Page Coal & Coke Co.	No. 3	Fritz Lebroskia	1- 3-14	Russian
526	Cirrus Coal & Coke Co.	No. 2	Wm. Brooks	1- 7-14	American
527	Davy-Pocahontas Coal Co.	No. 2	Frank Christian	1- 8-14	American
528	The Empire Coal & Coke Co.	Empire	Alonza Patterson	1- 9-14	Negro
529	Elk Ridge Coal & Coke Co.	Elk Ridge	Wiley Ford	1-14-14	Negro
530	The Tidewater Coal & Coke Co.	Tidewater	George Lynch	1-14-14	Negro
531	Keystone Coal & Coke Co.	No. 2	A. R. Hilton	1-14-14	American
532	Indian Ridge Coal & Coke Co.	Indian Ridge	Chas. P. Clark	1-15-14	Negro
533	The Empire Coal & Coke Co.	Empire	Peter Carr	1-16-14	Negro
534	King Coal Company	King	Alex Thomas	1-19-14	Negro
535	Premier-Pocahontas Colliery Co.	No. 3	Homer Wilburn	1-23-14	American
536	Pocahontas Cons. Collieries Co.	Lick Branch	Patsy Foramia	1-24-14	Italian
537	Indian Ridge Coal & Coke Co.	Indian Ridge	Bole Childress	1-24-14	Negro
538	Flannagan Coal Company	No. 2	Henry Phillips	1-29-14	American
539	Solvay Collieries Co.	Marytown	Wm. Franklin	1-31-14	American
540	Elk Ridge Coal & Coke Co.	Elk Ridge	Frank Gali	1-31-14	Italian
541	J. B. B. Coal Co.	No. 3	S. S. Cameron	2- 4-14	American
542	Houston Collieries Co.	Huger	Jacob Boitan	2- 9-14	Polish
543	Mohawk Coal & Coke Co.	Mohawk	J. C. Perry	2- 9-14	American
544	Honston Coal & Coke Co.	No. 2	Andrew Britsick	2-10-14	Slavish
545	Elkhorn Coal & Coke Co.	Elkhorn	Thomas Woody	2-10-14	Negro
546	Cirrus Coal & Coke Co.	No. 2	Thropp Constine	2-14-14	Italian
547	Zenith Coal & Coke Co.	No. 1	Paul Pugh	2-16-14	Italian
548	Lake Superior Coal Co.	No. 2	Chas. Porter	2-21-14	American
549	Lake Superior Coal Co.	No. 1	Martin Stuco	2-22-14	Polish
550	Algoma Coal & Coke Co.	Northfork	John Lesko	2-25-14	Hungarian
551	Page Coal & Coke Co.	No. 2	J. L. Pendland	2-26-14	American
552	Pulaski Iron Company	No. 2	Walter Straws	2-26-14	American
553	Solvay Collieries Co.	Marytown	Stona Hila	2-27-14	Polish

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
512	....	19	Miner	Premature Explosion	Face and arms injured..........................	I
513	....	22	Trackman	Motor and car.................	Face badly injured.............................	O
514	10 years......	36	Miner	Fall of slate.................	Fracture of hand...............................	I
515	3 years......	28	Driver	Mine Cars	Fracture of left leg...........................	I
516	1 year	15	Driver	Mine Car	Right thigh injured............................	I
517	6 years......	25	Miner	Fall of slate.................	Fracture of left leg...........................	I
518	3 years......	20	Miner	Fall of slate.................	Leg broken	I
519	....	40	Miner	Premature Explosion	Face and eyes injured..........................	I
520	3 years......	36	Driver	Mine Car	Leg fractured and other injuries...............	I
521	3 months	17	Slateman	Fall of slate.................	Arm and leg broken.............................	I
522	5 years......	31	Machine Runner ...	Machine Truck	Fracture of right leg..........................	I
523	2 months	28	Carpenter	Mine Car	Left arm broken................................	O
524	3 years......	19	Brakeman	Mine Car	Hips crushed—internal Injuries.................	I
525	6 years......	25	Laborer	Fall of slate.................	Spine dislocated	I
526	8 years......	18	Driver	Mine Car	Leg broken	I
527	7 years......	38	Tippleman	Mine Car	Breast, knee and thigh injured................	O
528	....	32	Miner	Fall of slate.................	Fractured hand	I
529	15 years......	48	Miner	Fall of coal..................	Shoulder badly injured.........................	I
530	10 years......	28	Laborer	Mine Car	Leg broken	I
531	18 years......	37	Miner	Fall of slate.................	Fractured shoulder	I
532	10 years......	32	Miner	Fall of coal..................	Severe injury to foot..........................	I
533	5 years......	21	Driver	Mine Car	Left arm fractured.............................	I
534	5 years......	41	Fireman	Fell off boiler...............	Rib broken	O
535	5 months	16	Trackman	Fall of slate.................	Fractured wrist and other injuries.............	I
536	....	20	Miner	Fall of coal..................	Fracture of leg................................	I
537	....	35	Brakeman	Motor	Dislocated ankle	I
538	....	34	Laborer	Mine Car	Bones broken in left hand......................	I
539	10 years......	21	Motorman	Trolley Wire	Fingers amputated	I
540	4 years......	45	Miner	Fall of coal..................	Right arm broken	I
541	1 year	23	Miner	Fall of slate.................	Arm broken—head injured........................	I
542	2 months	24	Loader	Fall of coal..................	Ankle fractured	I
543	5 years......	28	Machine Man......	Mining machine	Bone broken in hand............................	I
544	5 years......	32	Miner	Fall of coal..................	Leg broken	I
545	20 years......	45	Miner	Fall of slate.................	Thigh injured	I
546	8 months	25	Miner	Fall of slate.................	Arm broken—leg injured.........................	I
547	5 years......	20	Trackman	Track Machine	One finger amputated...........................	I
548	Sev. years.....	21	Machine Helper....	Machine Truck	One toe broken.................................	I
549	Sev. years.....	40	Loader	Fall of slate.................	Back and hip injured...........................	I
550	13 months	28	Miner	Fall of slate.................	One toe amputated..............................	I
551	1 year	52	Carpenter	Fell off building.............	Leg broken	O
552	....	28	Machine Runner ...	Cutter chain	Left leg fractured.............................	I
553	15 years......	56	Miner	Mine Cars	Fracture of right leg..........................	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
554	Pocahontas Cons. Collieries Co.	Rolfe	Mike Romanz	2-28-14	Hungarian
555	Keystone Coal & Coke Co.	No. 2	Charles Wash	3- 4-14	Hungarian
556	U. S. Coal & Coke Co.	No. 9	Andrew Sattos	3- 4-14	Greek
557	Peerless Coal & Coke Co.	East	Mike Goodike	3- 5-14	Polish
558	Keystone Coal & Coke Co.	No. 1	Sebastian Pitson	3-11-14	Italian
559	Upland Coal & Coke Co.	Upland	Aaron Hill	3-11-14	Negro
560	Elkhorn Coal & Coke Co.	Elkhorn	Henry Curtley	3-14-14	Negro
561	Keystone Coal & Coke Co.	No. 1	John Cherry	3-20-14	Slavish
562	Elkhorn Coal & Coke Co.	Elkhorn	Henry Robinson	3-24-14	Negro
563	Pocahontas Cons. Collieries Co.	Rolfe	Dominick Ross	3-26-14	Italian
564	The Empire Coal & Coke Co.	Empire	John Marshall	3-28-14	Russian
565	Elk Ridge Coal & Coke Co.	Elk Ridge	James Wallani	3-28-14	Italian
566	Lake Superior Coal Co.	No. 1	M. Tally	4- 4-14	American
567	Lake Superior Coal Co.	No. 1	E. Franklin	4- 4-14	American
568	Pulaski Iron Company	No 2	Kazimer Czenoveski	4- 4-14	Russian
569	Upland Coal & Coke Co.	Upland	Sam Flood	4- 6-14	Negro
570	Lathrop Coal Co.	Lathrop	Nestor Peters	4- 6-14	French
571	The Tidewater Coal & Coke Co.	Tidewater	John Klanieo	4- 8-14	Hungarian
572	The Standard-Pocahontas Coal Co.	Standard	Reiley Kellum	4- 9-14	American
573	Oregon Coal Company	Oregon	Robert Snow	4-10-14	American
574	The Empire Coal & Coke Co.	Empire	John Visilli	4-10-14	Russian
575	Lake Superior Coal Co.	No. 1	Chas. Harris	4-17-14	Negro
576	Page Coal & Coke Co.	Page	Luther Robertson	4-17-14	Negro
577	U. S. Coal & Coke Co.	No. 9	Mike Safis	4-20-14	Greek
578	New River & Poca. Cons Coal Co.	Canebrake No. 3	Ira Altizer	4-23-14	American
579	Oregon Coal Co.	Oregon	Kyle Boyd	4-24-14	American
580	Pocahontas Cons. Collieries Co.	Delta	Oscar Shullebarger	4-25-14	American
581	N. R. & Poca. Cons. Coal Co.	Canebrake No. 3	Carbo Tetenic	4-28-14	Roumanian
582	Poca. Cons. Collieries Co.	Rolfe	John S. Tyree	4-29-14	Negro
583	King Coal Company	King	Sam Johnson	4-29-14	Negro
584	The Empire Coal & Coke Co.	Empire	Valley Bruskey	5- 1-14	Polish
585	Poca. Cons. Collieries Co.	Delta	Sam Chenook	5- 2-14	Russian
586	N. R. & Poca Cons. Coal Co.	Berwind No. 2	Thomas McDarmant	5- 2-14	English
587	Solvay Collieries Co.	Marytown	John Heidorn	5- 2-14	American
588	Solvay Collieries Co.	Marytown	E. F. Hall	5- 6-14	American
589	Elkhorn Coal & Coke Co.	Elkhorn	C. C. Patterson	5- 7-14	Negro
590	Poca. Cons. Collieries Co.	Delta	Edwin Corney	5- 9-14	American
591	Algoma Coal & Coke Co.	Piney	James Brown	5-12-14	American
592	The Empire Coal & Coke Co.	Empire	Ben Gregory	5-14-14	Negro
593	Algoma Coal & Coke Co.	Piney	James Vaughn	5 14-14	American
594	The Tidewater Coal & Coke Co.	No. 23	Tice Lethco	5-15-14	Negro
595	King Coal Co.	King	George Wearin	5-15-14	Italian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
554	3 months	44	Miner	Fall of slate	Hand and body injured	I
555	7 years	45	Miner	Fall of slate	Foot crushed—toe broken	I
556	2 years	42	Loader	Fall of slate	Fracture of right leg	I
557		25	Miner	Fall of slate	Left thigh broken	I
558	2 years	19	Miner	Mine Car	Hip and other injuries	I
559	Sev. years	27	Miner	Fall of slate	Head, arm and back injured	I
560	9 years	41	Miner	Fall of coal	Double fracture of right arm	I
561	3 months	16	Trapper	Mine Car	Fracture of pelvis	I
562	25 years	56	Miner	Fall of slate	Leg fractured	I
563	10 weeks	21	Miner	Fall of slate	Back and hips injured	I
564	6 months	26	Miner	Fall of coal	Fracture of left clavicle	I
565	10 years	36	Miner	Fall of coal	Left arm badly injured	I
566	Sev. years	20	Pratticeman	Explosion of gas	Face and hands burned	I
567	Sev. years	25	Fire Boss	Explosion of gas	Face and hands burned	I
568		25	Miner	Fall of coal	Fracture of left femur	I
569	15 years	25	Laborer	Building a smoke stack	Left leg broken	O
570	5 years	21	Loader	Fall of coal	Right thigh injured	I
571	4 years	25	Miner	Fall of slate	Back and chest seriously injured	I
572	20 years	39	Brakeman	Mine Car	Finger broken	I
573	5 days	71	Tippleman	Unloading timber	Left hand broken	O
574		38	Miner	Fall of coal	Fracture of left scapula	I
575		28	Brakeman	Mine Car	Two ribs broken	I
576		35	Trackman	Mine Car	Shoulder dislocated	I
577	2 years	..	Driver	Mine Car	Fracture of foot	I
578	2 years	19	Brakeman	Fall of slate	Hips and chest severly crushed	I
579	14 years	34	Miner	Fall of slate	Back broken inside	I
580	2 years	18	Brakeman	Mine Car	Left shoulder fractured	I
581		36	Miner	Mining Machine	Both legs broken	I
582	3 years	29	Blacksmith	Using a large hammer	Dislocation of shoulder	O
583	5 years	25	Miner	Fall of slate	Ankle crushed	I
584		26	Miner	Rail Bender	Finger broken	I
585	3 years	27	Miner	Fall of coal	Fracture of left leg	I
586	20 years	32	Fire Boss	Collision of motor	Leg broken and other injuries	I
587	16 years	45	Miner	Fall of coal	A toe severed	I
588	12 years	21	Driver	Mine Car	A finger dislocated	I
589	4 years	21	Miscel	Fall of coal	Back, head and shoulders injured	I
590	6 years	28	Motorman	Motor and car	Left leg fractured	I
591	6 years	27	Driver	Mine Car	Right arm broken	I
592	3 years	25	Miner	Fall of slate	Head, face and shoulder injured	I
593	13 years	29	Miner	Fall of coal	Neck, arm and shoulder injured	I
594	7 months	35	Slateman	Fall of slate	Collar bone broken	I
595	18 months	30	Miner	Mine Car	Fracture of wrist	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
596	Cirrus Coal & Coke Co.	No. 2	John Thomas	5-16-14	Negro
597	U. S. Coal & Coke Co.	No. 9	Vinney Duncan	5-19-14	American
598	King Coal Company	King	Wm. Wallington	5-22-14	Negro
599	Hemphill Colliery Company	Hemphill	Bud Daniels	5-25-14	American
600	Davy- Pocahontas Coal Co.	No. 1	P. S. Copley	5-25-14	American
601	Eureka Coal & Coke Co.	Eureka	Luther Wilson	5-25-14	American
602	Pocahontas Cons. Collieries Co.	Delta	James Fischer	6- 3-14	Italian
603	Pulaski Iron Company	No. 1	J. A. Schendl	6- 3-14	German
604	Lake Superior Coal Co.	No. 2	Toney Munie	6- 4-14	Spanish
605	Mohawk Coal & Coke Co.	Mohawk	Buck Blackburn	6- 4-14	American
606	Lake Superior Coal Co.	No. 2	Dom Martin	6- 4-14	Spanish
607	Houston Collieries Co.	Huger	Charles Matthews	6- 5-14	Negro
608	Houston Collieries Co.	Huger	Lige Virgile	6-10-14	Italian
609	Black Wolf Coal & Coke Co.	Black Wolf	Anton Borris	6-10-14	Roumanian
610	Poca. Cons. Collieries Co.	No. 8-D	Wm. Hairston	6-10-14	Negro
611	Peerless Coal & Coke Co.	Peerless	Adam Cree	6-12-14	Polish
612	King Coal Company	King	Guy Garofula	6-16-14	Italian
613	Peerless Coal & Coke Co.	Peerless	John Gravely	6-16-14	American
614	Bottom Creek Coal & Coke Co.	No. 1	Matt Taylor	6-17-14	Negro
615	Poca. Cons. Collieries Co.	Lick Branch	Alex Polinski	6-19-14	Russian
616	Houston Coal & Coke Co.	No. 1	George Sechuck	6-20-14	Prussian
617	Algoma Coal & Coke Co.	Piney	James Berger	6-22-14	American
618	Lake Superior Coal Co.	No. 1	Thomas Miller	6-24-14	American
619	The Tidewater Coal & Coke Co.	Tidewater	Paul Saccaroot	6-24-14	Russian
620	Lathrop Coal Co.	Lathrop	Adolph Schwartz	6-24-14	German
621	Poca. Cons. Collieries Co.	Angle	W. R. Wright	6-27-14	American
622	King Coal Company	King	James Amos	6-27-14	Negro
623	U. S. Coal & Coke Co.	No. 5	Zony Zayatis	6-29-14	Polish
624	Page Coal & Coke Co.	No. 2	Mike Cogring	6-30-14	Polish
	MERCER COUNTY.				
625	Pawama Coal & Coke Co.	No. 2	Joe Warinch	7- 1-13	Polish
626	Godfrey Coal Co.	Godfrey	R. W. Miller	7-17-13	Negro
627	Mill Creek Coal & Coke Co.	Coaldale	John Hill	7-24-13	American
628	Pocahontas Cons. Collieries Co.	Caswell Creek	Glorama Ferraca	8-13-13	Italian
629	Pocahontas Cons. Collieries Co.	Caswell Creek	George Toney	8-29-13	Negro
630	Turkey Gap Coal & Coke Co.	No. 2	W. W. Carter	9-30-13	American
631	Louisville Coal & Coke Co.	No. 2	Chas. Byrd	10-15-13	American
632	Hiawatha Coal & Coke Co.	Hiawatha	Chas. Melvin	10-21-13	American
633	The Pawama Coal & Coke Co.	No. 2	Doc Shrewsbury	10-22-13	American
634	The Pawama Coal & Coke Co.	?	N. K. Osborne	10-28-13	American
635	American Coal Co.	Piedmont	John Bates	10-29-13	Negro

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
596	5 months	33	Miner	Fall of slate	Fracture of leg	I
597	9 months	24	Brakeman	Motor and car	Leg fractured in three places	O
598	4 years	21	Driver	Mine Car	Toe broken—foot mashed	I
599	2 years	25	Loader	Fall of slate	Arm broken	I
600	12 years	31	Miner	Premature Explosion	Left eye destroyed—other injured	I
601	3 months	30	Miner	Fall of coal and slate	Foot injured and amputated	I
602	4 years	30	Timberman	Fall of slate	Right leg fractured	I
603		51	Miner	Fall of coal	Right leg fractured	I
604		30	Loader	Gas Explosion	Hand and face burned	I
605	6 years	21	Driver	Mine Cars	Thumb severed	I
606		35	Loader	Explosion of gas	Hands and face burned	I
607	4 years	36	Machine Runner	Fall of slate	Arm broken	I
608	5 years	21	Oiler	Tipple machinery	Arm badly injured	O
609	Many years	38	Loader	Fall of slate	Hips crushed	I
610	1 month	18	Trapper	Mine Car	Collar bone broken	I
611		45	Miner	Fall of slate	Back injured—leg mashed	I
612	15 months	23	Slateman	Fall of slate	Back badly injured	I
613	3 years	24	Driver	Mine Car	Arm broken	I
614	18 years	41	Miner	Fall of slate	Leg broken	I
615	2 years	19	Slateman	Mine Cars	Fingers badly mashed	I
616	1 year	37	Miner	Fall of slate	A toe amputated	I
617	4 years	26	Miner	Fall of coal	Left leg fractured	I
618	5 years	19	Machine Runner	Fall of slate	One finger severed	I
619		21	Miner	Fall of coal	Collar bone broken	I
620	6 years	35	Loader	Explosion of dynamite caps	Limbs badly injured	I
621	10 years	42	Carpenter	Mine Car	Part of thumb amputated	O
622		28	Miner	Fall of slate	Back injured	I
623	6 years	29	Miner	Fall of coal	Left leg broken	I
624	Sev. years	30	Miner	Fall of coal	Back and shoulder injured	I
	Mercer County					
625	3 years	36	Miner	Fall of slate	One rib broken and other injuries	I
626	12 years	23	Miner	Fall of slate	Hips and bowels injured	I
627	3 weeks	19	Loader	Fall of slate	Right thigh fractured	I
628		41	Miner	Fall of coal	Three ribs broken, arm injured	I
629		46	Watchman	Locomotive	Leg broken in three places	I
630	6 years	39	Miner	Fall of coal	Left leg broken	I
631	3 years	19	Brakeman	Mine Car	Left arm fractured	I
632	6 years	27	Driver	Fall of slate	Right hip dislocated	I
633	1 year	22	Loader	Fall of slate	Leg fractured and other injuries	I
634	13 months	19	Driver	Mine Car	Ankle dislocated, arm and ribs broken	I
635	4 months	18	Loader	Mine Car	Leg injured, amputated below knee	O

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
636	Buckeye Coal & Coke Co.	Buckeye	Frank Husir	12-22-13	Hungarian
637	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Frank Sevish	12-23-13	Slavish
638	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Henry Jackson	1- 2-14	Negro
639	Buckeye Coal & Coke Co.	Buckeye	Chas. Scott	1-23-14	Negro
640	American Coal Company	Piedmont	I. H. Gill	2-25-14	Negro
641	Buckeye Coal & Coke Co.	Buckeye	Edward Mitchell	3- 4-14	Negro
642	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Gus King	3- 7-14	Negro
643	Booth-Bowen Coal & Coke Co.	Booth-Bowen	H. A. Bruce	4- 8-14	American
644	Crystal Coal & Coke Co.	No. 2	James Mopkins	5- 6-14	Negro
645	Booth-Bowen Coal & Coke Co.	Booth-Bowen	James R. Horton	5-25-14	Negro
646	Poca. Cons. Collieries Co.	Sagamore	Marko Shoda	5-28-14	Slavish
647	Turkey Gap Coal & Coke Co.	No. 1	Wm. Woodson	6- 2-14	Negro
648	Turkey Gap Coal & Coke Co.	No. 1	H. E. Martin	6- 3-14	American
649	Poca. Cons. Collieries Co.	Caswell Creek	Anton Youk	6- 4-14	Hungarian
650	Booth-Bowen Coal & Coke Co.	Booth-Bowen	Mike Salomer	6-12-14	Slavish
	MINERAL COUNTY.				
651	Masteller Coal Co.	Hampshire No. 2	Clark Hoover	11-12-13	American
652	Davis Coal & Coke Co.	No. 19	Wm. Braski	11-29-13	Polish
653	Davis Coal & Coke Co.	No. 51	A. C. Biggs	1- 8-14	American
654	Davis Coal & Coke Co.	No. 19	Stanley Mitchell	2-11-14	Lithuanian
655	Davis Coal & Coke Co.	No. 51	John Jordan, Sr.	3- 3-14	English
656	Davis Coal & Coke Co.	No. 19	Robert Scott	3-16-14	American
657	Davis Coal & Coke Co.	No. 50	C. L. Johnson	4- 2-14	American
658	Davis Coal & Coke Co.	No. 19	Wm. Cackley	4-24-14	American
	MINGO COUNTY.				
659	Red Jacket, Jr. Coal Co.	Red Jacket, Jr.	Ben Moreland	8-27-13	American
660	E. L. Sternberger Coal Co.	Sternberger	Pat O'Neil	10-21-13	American
661	Thacker Fuel Co.	No. 11	Wm. Waller	10-17-13	Negro
662	Howard Colliery Company	Frederick	James Carter	12- 2-13	American
663	War Eagle Coal Co.	Pappoose	Wm. Gibson	12- 8-13	American
664	Howard Colliery Co.	Howard	Sam Halbert	12-29-13	American
665	Sycamore Coal Co.	Cinderella	Albert Williams	1- 7-14	Negro
666	Howard Colliery Co.	Howard	Lincoln Smith	1-10-14	American
667	Sycamore Coal Co.	Cinderella	George Duty	1-19-14	American
668	Thacker Fuel Company	No 13	Jos. Lilli	2-13-14	Italian
669	Sycamore Coal Co.	Cinderella	L. W. Taylor	2-16-14	Negro
670	Howard Colliery Co.	Howard	Frank Cavaretta	2-17-14	Italian
671	Howard Colliery Co.	Howard	Alvin Davis	2-23-14	American
672	The White Star Mining Co.	White Star	John B. Allen	3-25-14	American
673	Williamson Coal & Coke Co.	Coalburg	Henry Jackson	3-31-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
636	1 year	19	Miner	Fall of slate	Hips mashed	I
637	2 years	23	Machine Runner	Mining Machine	Part of a finger amputated	I
638	7 years	36	Miner	Fall of coal and slate	Fracture of left leg	I
639	5 years	25	Driver	Kicked by a mule	Jaw fractured	I
640	10 years	39	Miner	Mine Cars	Right leg and three ribs broken	O
641	27 years	52	Miner	Explosion of monobel	Face, hands and arms burned	I
642	4 years	34	Miner	Fall of slate	Back, hips, face and neck injured	I
643	10 years	30	Miner	Fall of slate	Hands badly injured	I
644	5 years	40	Driver	Re-tracking mine cars	Finger ends severed	I
645	Sev. years	25	Miner	Fall of slate	Hips severely injured	I
646	8 months	23	Miner	Fall of slate	Three toes partly severed	I
647	15 years	43	Miner	Fall of slate	Right foot broken	I
648	9 years	32	Laborer	Drilling machine	Arm broken	O
649	5 years	27	Miner	Fall of slate	Fracture of left leg	I
650	Sev. years	30	Miner	Explosion of dynamite caps	Fingers lacerated, one severed	I
	Mineral County					
651	....	25	Miner	Fall of slate	Left hip and foot injured	I
652	5 years	18	Driver	Fall of slate	Wrist broken, back injured	I
653	18 years	56	Miner	Mine Cars	Left leg badly injured	I
654	20 years	50	Miner	Mine Cars	Right hand crushed	I
655	20 years	49	Miner	Fall of slate	Back and eye injured	I
656	20 years	50	Miner	Fall of slate	Right knee badly crushed	I
657	1 year	22	Laborer	Rail fell on foot	Toes badly mashed	I
658	10 years	28	Driver	Mine Cars	Both legs, arm and side injured	I
	Mingo County					
659	2 weeks	16	Brakeman	Motor and switch	Thigh fractured	I
660	7 years	30	Trackman	Mine Car	Dislocated knee	I
661	2 years	16	Brakeman	Motor	Spine fractured	I
662	1 year	22	Brakeman	Mine Car	Foot badly mashed	O
663	4 years	17	Machine Helper	Fall of coal	Ribs broken, head and side Injured	I
664	2 months	27	Loader	Blown through shot	Back injured	I
665	4 years	23	Miner	Fall of slate	Right leg broken	I
666	....	21	Loader	Mine Car	Loss of ear, scalp and shoulders injured	I
667	18 months	20	Motorman	Premature Explosion	Face cut; may lose eye	I
668	2 years	19	Miner	Premature Explosion	Head cut, arms burned	I
669	10 years	39	Miner	Fall of slate	Jaw broken, three teeth out	I
670	3 months	31	Tippleman	Railroad Cars	Left arm broken	O
671	....	14	Driver	Mine Cars	Both legs broken	I
672	7 years	35	Machine Helper	Fall of slate	Arm broken	I
673	5 years	23	Brakeman	Motor	Left arm broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
674	Williamson Coal & Coke Co	No. 1	John Lambert	4-27-14	American
675	Stone Mountan Coal Corp	Marvin	W. R. Staton	4-28-14	American
676	Thacker Fuel Company	No. 11	Thomas Dameron	5-12-14	American
677	Howard, Jr. Coal Co	Howard, Jr	Wilson Browning	5-18-14	American
678	Sycamore Coal Co	Cinderella	J. M. Carter	6-20-14	American
679	Thacker Coal & Coke Co	No. 14	Reese Brooks	6-22-14	Negro
	MONONGALIA COUNTY.				
680	Elkins Coal & Coke Co	No. 5	Tony Santoch	2-20-14	Italian
681	Antler Coal Company	Grant	Albert Skopie	3-24-14	Polish
682	Elkins Coal & Coke Co	No. 3	G. W. Lansberry	3-27-14	American
	NICHOLAS COUNTY.				
683	The Saxman Coal & Coke Co	No. 1	Tony Martinell	8-25-13	Italian
684	The Saxman Coal & Coke Co	No. 3	Walter McClung	11-25-13	American
	OHIO COUNTY.				
685	Elm Grove Coal Company	Elm Grove	Enoch Crumpton	9- 9-13	American
686	Elm Grove Coal Company	Elm Grove	Joe Powley	12-11-13	Slavish
687	Whitaker-Glessner Company	Carter	Dorman Galloway	12-19-13	American
688	Elm Grove Coal Company	Elm Grove	Mike Wyoski	2-18-14	Polish
689	Elm Grove Coal Company	Elm Grove	James Wright	3- 9-14	American
	PRESTON COUNTY.				
690	Merchants Coal Company	Tunnelton	H. C. Strawser	7- 1-13	American
691	Elkins Coal & Coke Co	No. 2	Thomas Lottie	9-11-13	Italian
692	Preston County Coke Co	Cascade	John Eveon	9-16-13	Polish
693	Elkins Coal & Coke Co	No. 6	Angelo Manceni	10-10-13	Italian
694	Merchants Coal Company	Tunnelton	L. T. Sterling	10-14-13	American
695	Merchants Coal Company	Tunnelton	P. R. McCabe	10-25-13	American
696	Elkins Coal & Coke Co	No. 6	Santy Miazzi	10-30-13	Italian
697	Elkins Coal & Coke Co	No. 6	John Rynold	11- 6-13	Italian
698	Hiorra Coke Company	Vulcan	John Zushwotsky	1- 2-14	Polish
699	Virginia-Maryland Coal Corp	Scotch Hill	Willis Jenkins	1-21-14	American
700	Preston Fuel Company	No. 1	Fay Sheets	2-10-14	American
701	Somersett Smokeless Coal Co	Tunnelton	M. W. Rice	3- 5-14	American
702	Elkins Coal & Coke Co	No. 7	Jos. Chisaro	3-12-14	Italian
703	Elkins Coal & Coke Co	No. 2	Frank Koralek	3-31-14	Italian
704	Elkins Coal & Coke Co	No. 4	Lottie Bostoni	4-18-14	Italian
705	Elkins Coal & Coke Co	No. 6	Tony Manfred	5-11-14	Italian
706	Somersett Smokeless Coal Co	Tunnelton	T. M. Sigley	6- 9-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
674	35 years	50	Miner	Mine Cars	One finger severed at first joint	I
675		29	Miner	Fall of slate	Fracture of hip and ankle	I
676	4 years	20	Brakeman	Mine Car and latch	Bone broken in hand	I
677	6 years	23	Driver	Mine Car	Arm broken	I
678	3 years	21	Machine Helper	Fall of slate	Leg broken	I
679	6 years	30	Machine Helper	Mining Machine	Spine dislocated	I
	Monongalia County					
680		44	Miner	Mine Car	Leg broken	I
681	5 years	26	Driver	Mine Car	Two ribs broken	I
682		31	Miner	Fall of slate	Back injured	I
	Nicholas County					
683	4 years	21	Miner	Fall of slate	Leg broken above knee	I
684	4 years	18	Driver	Mine Car	Hips injured	I
	Ohio County					
685	2 months	23	Driver	Mine Car	Left leg fractured	I
686	10 years	55	Loader	Fall of slate	Fracture of finger and other injuries	I
687	10 years	30	Driver	Mine Car	Back injured	I
688		24	Miner	Fall of slate	Two ribs broken and other injuries	I
689		39	Miner	Fall of slate	Left foot broken	I
	Preston County					
690	17 years	31	Motorman	Motor	Left thigh broken	I
691	5 years	36	Miner	Explosion of dynamite caps	Thumb and two fingers severed	I
692	5 years	23	Driver	Fall of slate	Right leg broken	I
693	5 years	36	Miner	Iron rail	Finger broken	I
694	8 years	23	Motorman	Motor	Hand and three fingers broken	I
695	12 years	26	Miner	Fall of coal	Leg injured	I
696	1 year	38	Miner	Explosion of dynamite caps	Two fingers and part of thumb severed	I
697	3 years	42	Miner	Flying coal from pick	Loss of left eye	I
698	10 years	46	Miner	Fall of slate	Back injured	I
699	5 years	20	Loader	Fall of slate	Foot partly dislocated	I
700	2 weeks	19	Driver	Mine Car	Right leg broken	I
701	1 year	21	Driver	Fall of coal	Back and leg injured	I
702		38	Miner	Fall of slate	Back and leg injured	I
703	12 years	39	Miner	Mine Car	Hand badly injured	I
704	6 years	26	Miner	Mine Car	Leg broken below knee	I
705	1 year	25	Miner	Mine Car	Hip injured, rib fractured	I
706	10 years	32	Miner	Fall of coal	Leg broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
	PUTNAM COUNTY.				
707	Plymouth Coal & Mining Co.	Plymouth	B. F. Phillips	10-14-13	American
708	Black Betsey Coal & Mining Co.	No. 3	Walter Legg	11-18-13	American
709	Plymouth Coal & Mining Co.	Plymouth	Dow Oldaker	11-21-13	American
710	Plymouth Coal & Mining Co.	No. 4	R. E. Cundiff	12-31-13	American
711	Black Betsey Coal & Mining Co.	No. 3	John Ross	1-12-14	American
712	Plymouth Coal & Mining Co.	Plymouth	W. H. Kirk	2- 3-14	American
713	Plymouth Coal & Mining Co.	Plymouth	Boyd Bess	2- 3-14	American
714	Plymouth Coal & Mining Co.	Plymouth	D. E. Wise	3- 7-14	American
715	Plymouth Coal & Mining Co.	Manilla No. 3	John Mason	3-18-14	American
	RALEIGH COUNTY.				
716	Price-Hill Fuel Company	Price-Hill	Sandy Chesaloaka	7- 2-13	Italian
717	Price-Hill Fuel Company	Price-Hill	Carmello Colemi	7- 2-13	Italian
718	Piney Mining Company	No. 1	James Board	7-14-13	Negro
719	New River Company	Beckley	Neil Malone	7-14-13	American
720	N. R. Collieries Company	Eccles No. 5	Tom Saunders	7-24-13	American
721	Raleigh Coal & Coke Co.	No. 3	C. W. Colmucke	8-11-13	Slavish
722	Four States Coal & Coke Co.	Dorothy	Cecil Phelps	8-30-13	American
723	New River Company	Beckley	Santo Micali	9- 5-13	Italian
724	Raleigh Coal & Coke Co.	No. 6	Wm. Croft	9- 6-13	American
725	McKell Coal & Coke Co.	Oswald	Leroy Carter	9-15-13	Negro
726	N. R. Collieries Company	Eccles No. 5	John Brooks	9-24-13	American
727	McKell Coal & Coke Co.	Tamroy	Ralph Cressi	9-24-13	Italian
728	McKell Coal & Coke Co.	Oswald	Wm. Johnson	9-25-13	Negro
729	MacAlpin Coal Company	No. 1	W. M. Cooper	10- 9-13	Negro
730	Four States Coal & Coke Co.	Dorothy	John Zeross	10-18 13	Hungarian
731	McKell Coal & Coke Co.	Tamroy	Wm. Grant	10-21-13	American
732	New River Company	Beckley	Mike Tonko	10-31-13	Polish
733	Wood Peck Coal Company	Wood Peck	Thomas Donley	11- 7-13	American
734	Piney Mining Co.	No. 1	Ben Poriton	11-11-13	Croatian
735	Sullivan Coal & Coke Co.	No. 4 South	Tennie Robuck	11-13-13	Negro
736	Slab Fork Coal Company	No. 5	W. W. Wilson	11-13-13	American
737	Raleigh Coal & Coke Co.	No. 6	Joe Molish	11-20-13	Slavish
738	Raleigh Coal & Coke Co.	No. 6	Sam Wade	11-22-13	American
739	Slab Fork Coal Co.	No. 3	Doc. Norwood	11-22-13	American
740	New River Company	Beckley	Fred McDaniels	11-22-13	American
741	Pemberton Coal & Coke Co.	Affinity	Andrew Larson	11-27-13	Norwegian
742	E. E. White Coal Co.	No. 2	J. A. Chambers	12- 5-13	Negro
743	Piney Mining Company	No. 4	Antionio deFrancisco	12-10-13	Italian
744	Slab Fork Coal Company	No. 2	Guiseppi Sparicano	12-13-13	Italian
745	Wood Peck Coal Co.	Wood Peck	Joe Miller	12-15-13	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
	Putnam County					
707	20 years	40	Miner	Mine Car	Fractured hip	O
708	8 years	22	Miner	Fall of coal	Hips injured	I
709	5 years	40	Miner	Fall of slate	Collar bone broken	I
710	20 years	38	Asst. M. F.	Mine Car	Arm fractured	I
711	20 years	56	Miner	Fall of slate	Face, shoulder and back injured	I
712	....	60	Laborer	Mine Cars	Collar bone broken, other injuries	I
713	3 months	25	Driver	Mine Cars	Dislocated knee	I
714	1 year	17	Miner	Fall of coal	Abdominal injury and hip injured	I
715	5 years	28	Driver	Mine Car	Back injured	I
	Raleigh County					
716	4 years	27	Contractor	Explosion of powder	Hands and face burned	I
717	4 months	20	Laborer	Explosion of powder	Hands and face burned	I
718	7 years	36	Miner	Fall of slate	Back injured	I
719	14 years	28	Driver	Mine Car	Ankle and rib injured	I
720	9 years	25	Loader	Fall of coal	Dislocated ankle	I
721	5 years	40	Miner	Fall of slate	Back and side injured	I
722	....	17	Fanman	Riding Incline rail	Ankle fractured	I
723	9 years	31	Miner	Premature Explosion	Bruised, burned and may lose one eye	O
724	1 year	25	Miner	Mine Cars	Hips injured	I
725	1 year	15	Brakeman	Motor	Right leg fractured	I
726	18 months	15	Trapper	Mine Cars	Leg fractured	I
727	2 years	40	Miner	Fall of slate	Leg fractured	I
728	14 months	22	Miner	Fall of slate	Hips injured	I
729	10 years	41	Miner	Fall of slate	Leg, back and hips injured	I
730	4 years	25	Brakeman	Mine Cars	Shoulder and head injured	I
731	3 years	18	Machine Runner	Drum and rope	Arm fractured	I
732	18 years	36	Miner	Fall of slate	Foot crushed	I
733	25 years	52	Miner	Fall of slate	Shoulder dislocated, foot injured	I
734	5 years	47	Miner	Premature Explosion	Hand and eyes burned	I
735	Sev. years	25	Miner	Fall of slate	Knee, back and shoulder injured	I
736	5 years	27	Miner	Fall of slate	Head and hip injured	I
737	4 years	25	Miner	Fall of slate	Right leg broken	I
738	5 years	25	Miner	Fall of slate	Leg broken	I
739	3 years	32	Miner	Fall of coal	Leg and ankle injured	I
740	6 years	23	Tippleman	Mine Car	Ankle crushed	I
741	3 weeks	24	Brakeman	Mine Car	Broken finger	I
742	....	35	Miner	Fall of coal	Rib fractured, ear injured	I
743	3 years	43	Miner	Explosion of cartridge	Right hand off at wrist, fingers off	I
744	6 days	42	Miner	Fall of slate	Chest mashed and other injuries	I
745	2 weeks	16	Loader	Mine Car	Right thigh, arm and shoulder injured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
746	Slab Fork Coal Co.	No. 5	Phil Wilson	12-15-13	American
747	Four States Coal & Coke Co.	Dorothy	Nick Varius	12-16-13	Greek
748	Pemberton Coal & Coke Co.	Affinity	Pedar Rushock	12-20-13	Austrian
749	McKell Coal & Coke Co.	Tamroy	Wm. Hardrup	12-22-13	American
750	Piney Mining Co.	No. 3	Antonio Roseano	12-26-13	Italian
751	Slab Fork Coal Co.	No. 3	M. Coleman	1- 3-14	American
752	Raleigh Coal & Coke Co.	No. 3	Oris Meadows	1- 9-14	American
753	Winding Gulf Colliery Co.	No. 1	Angelo Aliamo	1- 9-14	Italian
754	McKell Coal & Coke Co.	Tamroy	Wm. Bartiloma	1-12-14	Italian
755	Raleigh Coal & Coke Co.	No. 6	M. L. Bragg	1-12-14	American
756	Bailey Wood Coal Co.	Bailey Wood	W. D. Stone	1-13-14	American
757	Bailey Wood Coal Co.	Bailey Wood	W. Kresnakey	1-13-14	Polish
758	New River Company	Beckley	Paul Verlias	1-13-14	Italian
759	Raleigh Coal & Coke Co.	No. 1	J. H. Foister	1-16-14	American
760	MacAlpin Coal Co.	MacAlpin	Wm. Garnett	1-19-14	Negro
761	Pemberton Coal & Coke Co.	Affinity	J. A. Bowling	1-20-14	American
762	Sullivan Coal & Coke Co.	No. 6 North	Kier Bagby	1-20-14	Negro
763	Winding Gulf Collieries Co.	No. 1	Wash Chisko	1-20-14	Russian
764	Winding Gulf Collieries Co.	No. 2	Jas. Volwosky	1-21-14	Polish
765	Four States Coal & Coke Co.	Sarita	Joe Scuball	1-21-14	Italian
766	McKell Coal & Coke Co.	Graham	Russell Lavendar	1-23-14	American
767	Four States Coal & Coke Co.	Dorothy	Mick Latimus	1-27-14	Greek
768	MacAlpin Coal & Coke Co.	MacAlpin	C. D. Dunn	1-28-14	American
769	E. E. White Coal Co.	No. 2	Stephen Nicaratock	1-31-14	Polish
770	MacAlpin Coal Co.	MacAlpin	John Antosky	2- 2-14	Hungarian
771	Winding Gulf Colliery Co.	No. 1	A. B. Robinson	2- 7-14	Negro
772	New River Collieries Co.	Eccles No. 5	George Savaro	2- 7-14	Italian
773	E. E. White Coal Co.	Stotesbury No. 3	Davis Ayers	2- 9-14	American
774	Pemberton Coal & Coke Co.	Affinity	Arthur Roberson	2-10-14	American
775	Piney Mining Company	No. 1	Edward Warden	2-13-14	American
776	Slab Fork Coal Co.	No. 3	Wm. Daugherty	2-16-14	American
777	Raleigh Coal & Coke Co.	No. 3	James Colcosky	2-19-14	Polish
778	MacAlpin Coal Co.	MacAlpin	Nick Romack	2-21-14	Polish
779	Sullivan Coal & Coke Co.	North	O. O. Kegey	2-23-14	American
780	Pemberton Coal & Coke Co.	Affinity	Hassel Martin	2-23-14	American
781	New River Co.	Beckley	Jess Abbott	2-26-14	Italian
782	MacAlpin Coal Co.	MacAlpin	Sam Ridgeway	2-26-14	American
783	Lilly Mining Company	Whorley	Wm. Joiner	3- 5-14	American
784	E. E. White Coal Co.	Stotesbury No. 3	Frank Holup	3- 6-14	Polish
785	Pemberton Coal & Coke Co.	Affinity	Andy Poleno	3-12-14	Italian
786	New River Collieries Co.	Eccles No. 5	E. G. Canterbury	3-13-14	American
787	Slab Fork Coal Co.	No. 2	Guiseppi Sparicano	3-19-14	Italian

NON-FATAL ACCIDENTS FOR THE YEA R ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
746	1 year	18	Driver	Mine Car	Leg mashed	I
747	3 years	37	Miner	Mine Car	Fractured clavicle	I
748	...	53	Miner	Fall of slate	Head, eye and ankle injured	I
749	2 years	27	Miner	Fall of slate	Leg and ankle injured	I
750	6 weeks	25	Miner	Fall of slate	Leg broken, ankle dislocated	I
751	Sev. years	28	Miner	Mine Car	Leg fractured	I
752	1 month	16	Loader	Fall of slate	Spine dislocated	I
753	2 years	25	Miner	Fall of slate	Back and ankle both broken	I
754	3 years	21	Miner	Fall of slate	Back injured	I
755	10 years	38	Miner	Mine Car	Leg broken	I
756	1 year	17	Miner	Mine Car	Leg broken	I
757	6 months	35	Miner	Fall of coal	Leg broken	I
758	3 years	40	Miner	Fall of slate	Back and shoulders injured	I
759	4 years	27	Miner	Fall of slate	Back injured	I
760	Sev. years	36	Brakeman	Motor	Leg broken	I
761	16 days	19	Coupler	Mine Cars	Probable fracture of leg	I
762	6 months	20	Trip Rider	Mine Cars	Index finger severed	I
763	2 years	38	Miner	Fall of slate	Back and shoulder injured	I
764	2 years	37	Miner	Fall of slate	Back paralyzed	I
765	6 years	25	Tippleman	Motor	Ankle and foot injured	O
766	5 years	21	Brakeman	Motor	Fracture of femur	I
767	...	22	Miner	Mine Car	Leg broken below knee	I
768	14 years	30	Motorman	Mine Car	One finger removed	I
769	4 weeks	26	Miner	Mine Cars	Ankle and leg fractured	I
770	1 year	32	Miner	Fall of slate	Leg broken below knee	I
771	2 years	33	Miner	Fall of slate	Back injured	I
772	7 months	24	Loader	Fall of coal	Back broken	I
773	1 year	20	Machine Helper	Mining machine	Collar bone and three ribs broken	I
774	7 years	21	Trip Rider	Mine Car	Ribs fractured, hips injured	I
775	11 years	25	Motorman	Motor	Right finger amputated	I
776	Sev. years	23	Miner	Fall of slate	Leg mashed	I
777	10 years	43	Miner	Fall of slate	Right leg and two ribs broken	I
778	10 years	62	Miner	Mine Car	Chest mashed	I
779	8 years	23	Miner	Fall of slate	Back and chest injured	I
780	2 years	17	Brakeman	Mine Car	Finger severed	I
781	4 years	27	Miner	Fall of slate	Rib broken, leg injured	I
782	5 years	36	Brakeman	Motor machinery	Finger severed	I
783	3 months	35	Miner	Fall of slate	Head, leg and ankle injured	I
784	4 months	28	Miner	Mine Car	Foot badly mashed	I
785	2 months	30	Miner	Fall of slate	Back probably broken	I
786	5 years	19	Brakeman	Mine Car	Leg broken, hand injured	I
787	3 years	42	Trapper	Mine Car	Two ribs fractured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
788	Lanark Coal Company	No. 4	Jos. Ferrands	3-21-14	Spaniard
789	Winding Gulf Colliery Co	No. 2	O. R. Farley	3-23-14	American
790	McKell Coal & Coke Co	Graham	R. P. Merritt	3-26-14	American
791	Pemberton Coal & Coke Co	Affinity	George Agnonce	3-27-14	Polish
792	Slab Fork Coal Company	No. 2	Wm. Sweetwick	4- 3-14	Litvitch
793	Winding Gulf Colliery Co	No. 1	Frank Board	4- 6-14	Negro
794	New River Collieries Co	Eccles No. 6	Wm. Harris	4- 8-14	American
795	Bailey Wood Coal Co	Bailey Wood	Litterio Lanhado	4-15-14	Italian
796	New River Company	Beckley	J. H. Hunter	4-16-14	Negro
797	Lanark Coal Company	No. 4	Ramon Yodo	4-16-14	Spaniard
798	New River Company	Cranberry	Noah Ellis	4-22-14	American
799	New River Collieries Co	Eccles No. 6	Ben Jones	4-28-14	American
800	Winding Gulf Colliery Co	No. 1	Raymond Barto	5-11-14	Hungarian
801	McKell Coal & Coke Co	Graham	George Stone	5-13-14	American
802	Bailey Wood Coal Co	Bailey Wood	Steve Stuekowoski	5-15-14	Polish
803	Raleigh Coal & Coke Co	No. 6	Joe Molish	5-19-14	Slavish
804	Royal Coal Company	Royal	Wm. Anderson	5-19-14	American
805	Piney Mining Company	No. 4	J. C. Knucols	5-20-14	American
806	Four States Coal & Coke Co	Sarita	Manuel Jerrup	5-23-14	Greek
807	Four States Coal & Coke Co	Dorothy	Frank Augustino	5-25-14	Italian
808	E. E. White Coal Co	Stotesbury No. 3	Scott Johnson	5-26-14	Negro
809	E. E. White Coal Co	Stotesbury No. 3	Luther Garrett	5-26-14	Negro
810	Royal Coal Company	Royal	Norval McGuire	5-27-14	American
811	McKell Coal & Coke Co	Graham	Fletcher Hill	6- 2-14	American
812	Gulf Coal Company	No. 1	D. J. Carter	6- 5-14	American
813	Piney Mining Company	No. 3	W. A. Hurt	6- 5-14	American
814	MacAlpin Coal Co	MacAlpin	J. R. Hale	6-10-14	Negro
815	Slab Fork Coal Company	No. 3	Lewis Haynes	6-11-14	American
816	Pemberton Coal & Coke Co	Affinity	Doric Cole	6-15-14	American
817	Piney Mining Company	No. 3	J. C. Lively	6-16-14	American
818	New River Collieries Co	Eccles No. 3	Fred Lilly	6-20-14	American
819	Winding Gulf Colliery Co	No. 2	Mike Fishwisk	6-26-14	Hungarian
820	Clear Fork Coal Co	Leevale	John Coiner	6-29-14	American
821	MacAlpin Coal Company	MacAlpin	Paul Haynes	6-30-14	Negro
	RANDOLPH COUNTY.				
822	Davis Coal & Coke Co	No. 2	Arnold Bardi	7-25-13	Italian
823	Davis Colliery Co	Coalton No. 1	Stephen Crevites	8- 4-13	Polish
824	Davis Colliery Co	Harding No. 3	A. D. Kittle	9-27-13	American
825	Davis Coal & Coke Co	No. 2	R. A. Sullivan	2-27-13	American
826	Davis Colliery Co	Harding	Frank Soldarts	4-21-14	Litvitch

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
788	3 years	32	Miner	Premature Explosion	Face and hands badly burned	I
789	2 years	21	Driver	Mine Cars	Finger severed	I
790	5 years	29	Driver	Mine Cars	Leg fractured	I
791	9 years	32	Miner	Premature Explosion	Leg, hand and fingers injured	I
792	20 years	46	Miner	Fall of slate	Leg broken	I
793	3 years	26	Miner	Fall of slate	Back injured	I
794	....	21	Brakeman	Mine Car	Ankle broken	I
795	....	28	Miner	Explosion of powder	Arms and eyes burned	I
796	10 years	21	Driver	Kicked by a mule	Finger broken	I
797	6 years	45	Miner	Fall of slate	Hip broken and dislocated	I
798	3 years	20	Loader	Fall of slate	Arm fractured, shoulder injured	I
799	3 years	35	Motorman	Mine Cage	Leg broken	I
800	2 years	24	Miner	Fall of slate	Head, back and hips injured	I
801	26 years	46	M. Foreman	Fall of slate	Head and shoulder injured	I
802	10 years	20	Miner	Explosion of monobel	Eyes and face burned	I
803	2 months	28	Pumper	Mine Car	Leg broken	I
804	30 years	66	Miner	Mine Car	Arm broken	I
805	10 years	43	Trackman	Fall of slate	Back injured	I
806	5 years	27	Miner	Monitor	Dislocated ankle	O
807	4 years	36	Car Trimmer	Railroad car	Arm fractured	O
808	7 years	20	Miner	Fall of slate	Head badly injured	I
809	9 years	26	Miner	Premature Explosion	Arm and face burned	I
810	10 years	21	Miner	Fall of slate	Back injured	I
811	6 years	24	Miner	Fall of slate	Leg broken	I
812	13 years	29	Miner	Mine Cars	Right leg broken	I
813	20 years	52	Miner	Fall of slate	Leg fractured	I
814	Sev. years	31	Machine Runner	Mining machine	Leg broken	I
815	2 months	14	Trapper	Fell down	Arm broken	I
816	4 years	16	Brakeman	Water Car	Rib broken, other injuries	I
817	4 years	45	Miner	Fall of slate	Back and knee injured	I
818	2 months	16	Tippleman	Mine Car	Ankle broken	O
819	3 years	32	Miner	Explosion of dynamite caps	Two fingers severed, others injured	I
820	4 years	19	Brakeman	Mine Cars	Ankle and foot injured	I
821	3 years	22	Brakeman	Motor	Two fingers severed	I
	Randolph County					
822	....	25	Miner	Fall of slate	Leg broken below knee	I
823	6 months	15	Miner	Fall of coal	Leg broken	I
824	....	53	Teamster	Mine Cars	Leg fractured	O
825	20 years	67	Miner	Fall of slate	Breast injured	I
826	6 years	30	Driver	Horse and coal	Arm broken	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
	TAYLOR COUNTY.				
827	Maryland Coal Co. of W. Va	No. 4	George Wutchatize	7-14-13	Horwat
828	Rosemont Coal Company	Rosemont	A. C. Purkey	8- 5-13	American
829	Maryland Coal Company of W. Va	No. 2	Jos. Caroots	9- 2-13	Hungarian
830	Rosemont Coal Company	Rosemont	A. P. Roach	10-28-13	American
831	Rosemont Coal Company	Rosemont	Pete Formic	10-29-13	Russian
832	Rosemont Coal Company	Rosemont	Jas. Fisher	11- 2-13	American
833	Pittsvein Coal Company	No. 4	Eli Czaduke	11- 4-13	Russian
834	Rosemont Coal Company	Rosemont	Frank Chicken	11-26-13	Polish
835	Pittsvein Coal Company	No. 4	C. O. Haddix	12- 1-13	American
836	Rosemont Coal Company	Rosemont	Oak Digg	12-24-13	Negro
837	Pittsvein Coal Co	No. 4	A. L. Robinson	1- 9-14	American
838	Grafton Coal & Coke Co	Sandlick	Frank Garber	1-15-14	Bohemian
839	Pittsvein Coal Company	No. 4	B Doci	1-27-14	Hungarian
840	Winona Coal & Cke Company	Winona	Gid Jenkins	1-28-14	American
841	Rosemont Coal Company	Rosemont	John Neeson	2-20-14	Lithuanian
842	Rosemont Coal Company	Rosemont	U. S. Moore	3-14-14	American
843	Winona Coal & Coke Co	Winona	Martin Alberto	3-18-14	Italian
844	Rosemont Coal Company	Rosemont	Mike Wass	4-21-14	Hungarian
845	Winona Coal & Coke Co	Winona	Harry Whitley	4-24-14	English
846	Rosemont Coal Company	Rosemont	A. L. White	5-22-14	American
847	Winona Coal & Coke Company	Winona	Ray Hawkins	6- 6-14	American
	TUCKER COUNTY.				
848	Davis Coal & Coke Co	No. 25	Mike Rossi	7-21-13	Italian
849	Davis Coal & Coke Co	No. 23	Edward Higgins	8-16-13	American
850	Davis Coal & Coke Co	No. 38	Paul Dekaslity	10- 2-13	Austrian
851	Davis Coal & Coke Co	Frances No. 41	John Slipshock	11- 5-13	Granish
852	Cumberland Coal Company	No. 1	John Genosky	11-13-13	Polish
853	Davis Coal & Coke Co	No. 40	Angelo Triola	12-20-13	Italian
854	Davis Coal & Coke Co	No. 40	Costo Price	1-22-14	Slavish
855	Davis Coal & Coke Co	No. 40	Wasco Semmick	1-24-14	Slavish
856	Davis Coal & Coke Co	No. 40	A. W. McCann	1-28-14	American
857	Davis Coal & Coke Co	No. 40	George Deluco	2- 4-14	Italian
858	Davis Coal & Coke Co	No. 40	R. C. Jones	2-10-14	American
859	Davis Coal & Coke Co	No. 39	Mike Piefski	3- 6-14	Russian
860	Davis Coal & Coke Co	No. 37	Andy Puvouchy	3-10-14	Slavish
861	Davis Coal & Coke Co	No. 40	Joe Vercycle	3-24-14	Austrian
862	Davis Coal & Coke Co	No. 25	Vinc Yum	4- 3-14	Italian
863	Davis Coal & Coke Co	No. 35	Max Rosenour	4- 6-14	German
864	Davis Coal & Coke Co	No. 40	G. B. Sowers	4-11-14	American
865	Davis Coal & Coke Co	No 40	Bruen Potts	4-28-14	Lithuanian

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
	Taylor County					
827	6 months	25	Machine Helper	Fall of coal	Leg broken	I
828	15 years	31	Miner	Fall of coal	Ankle crushed	I
829	2 years	32	Loader	Mine Cars	Broken shoulder	I
830	37 years	55	Miner	Struck with axe	Left arm broken	I
831	6 years	28	Miner	Fall of coal	Ankle fractured	I
832	10 years	32	Electrician	Machine Casting	Bones broken in wrist	O
833	3 months	27	Miner	Premature Explosion	Face, arm and legs burned	I
834	7 days	39	Miner	Fall of slate	Hip bone broken	I
835	Sev. years	25	Miner	Fall of slate	Right leg broken	I
836	1 month	20	Miner	Explosion of cartridge	Face, hands and back burned	I
837	Sev. years	46	Miner	Falling timbers	Back injured	I
838	15 years	41	Miner	Mine Cars	Wrist dislocated	I
839	2 years	27	Miner	Explosion of cartridge	Arms, face and neck burned	I
840	10 years	36	Crusher	Washer Machinery	Leg broken	O
841	3 months	24	Miner	Fall of coal	Leg broken	I
842	15 years	34	Miner	Fall of slate	Back and leg injured	I
843	18 months	35	Machine Runner	Machine clutch	Foot badly injured	I
844	6 months	31	Timberman	Fall of slate	Back and breast injured	I
845	6 months	25	Driver	Coke Larry	Back and hips injured	O
846	26 years	39	Miner	Fall of coal	Bones in foot broken	I
847	1 year	16	Trapper	Running and fell down	Broke arm	I
	Tucker County					
848	11 months	28	Miner	Premature Explosion	Arm broken	I
849	3 years	18	Driver	Fall of slate	Broken leg and other injuries	I
850	2 years	48	Miner	Fall of slate	Leg broken	I
851	3 months	24	Miner	Mine Car	Both legs fractured	I
852	5 years	21	Brakeman	Pump Machinery	Left leg injured	I
853	3 years	38	Miner	Fall of coal	Side, back and foot injured	I
854	2 years	40	Miner	Fall of slate	Leg and knee injured and other injuries	I
855	2 years	32	Driver	Explosion of powder	Face and hands burned	I
856	2 months	26	Driver	Mine Car	Rib fractured	I
857	7 months	33	Miner	Premature Explosion	Right hand injured	I
858	2 years	24	Driver	Mine Car	Rib fractured, hip injured	I
859	6 months	26	Miner	Mine Car	Wrist fractured	I
860	6 years	27	Motorman	Fell off motor	Leg fractured	I
861	7 months	18	Miner	Premature Explosion	Face and eyes injured	I
862	7 years	35	Miner	Fall of slate	Skull fractured and other injuries	I
863	14 years	49	Laborer	Mine Car	Ear severed, face injured	I
864	33 years	44	Trackman	Tightening bolt	Finger fractured	I
865	2 years	50	Miner	Mine Cars	Rib fractured	I

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	NAME OF COMPANY.	Name of Mine.	Name of Person Injured	Date of Accident	Nationality
866	Davis Coal & Coke Co.	No. 25	Andy Katrom	4-29-14	Austrian
	UPSHUR COUNTY.				
867	Red Rock Fuel Company	No. 1	J. G. Gordon	2- 2-14	American
	WAYNE COUNTY.				
868	East Lynn Coal Company	East Lynn	Walter Johnson	3- 9-14	American
869	East Lynn Coal Company	East Lynn	Jesse Blair	3- 9-14	American
870	East Lynn Coal Company	East Lynn	Lawrence Russell	3- 9-14	American

NON-FATAL ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914.—Continued.

No.	Experience	Age	Occupation	Nature of Accident	Injury Sustained	In or Out
866	4 months	25	Miner	Premature Explosion	Head, face, arm and hand injured.............	I
	Upshur County					
867	7 months	43	Miner	Mine Car	Rib broken, shoulder injured..................	I
	Wayne County					
868	3 years	18	Water Bailer......	Explosion of dynamite caps.....	Right eye and left lung injured................	I
869	8 years	25	Machine Helper....	Explosion of dynamite caps.....	Eye injured—other injuries..................	I
870	6 years	23	Machine Runner ...	Explosion of dynamite caps.....	Fingers injured and other injuries.............	I

MINOR ACCIDENTS

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
	BARBOUR COUNTY.					
1	Century Coal Company, The	No. 1	3	...	3	...
2	Century Coal Company, The	No. 2	3	...	3	...
3	Consolidation Coal Company, The	No. 37	1	...	...	1
4	Davis Colliery Company	No. 4	1	...	1	...
5	Davis Coal & Coke Company	Dartmoor No. 4	9	...	8	1
6	Luella Coal Company	Luella	1	...	1	...
			18	18	16	2
	BOONE COUNTY.					
7	Anchor Coal Company	No. 1	1	...	1	...
8	Seng Creek Coal Company	No. 1	4	...	3	1
9	Webb Coal Mining Company	Webb	1	...	1	...
			6	24	5	1
	BROOKE COUNTY.					
10	LaBelle Iron Works	LaBelle	9	...	9	...
11	West Virginia-Pittsburg Coal Co	Locust Grove	2	...	1	1
			11	35	10	1
	CLAY COUNTY.					
12	Elk River Coal & Lumber Company	Rich Run (South)	1	...	1	...
			1	36	1	...
	FAYETTE COUNTY.					
13	Babcock Coal & Coke Company	Cliff Top	1	...	1	...
14	Ballinger Coal Company	No. 1	5	...	2	3
15	Beechwood Coal & Coke Company	No. 2	1	...	1	...
16	Blume Coal & Coke Company	Blume	1	...	1	...
17	Boomer Coal & Coke Company	(PH) No. 1	1	...	...	1
18	Boomer Coal & Coke Company	No. 2 North	8	...	8	...
19	Boomer Coal & Coke Company	No. 2 South	8	...	8	...
20	Boomer Coal & Coke Company	No. 3	6	...	5	1
21	Boomer Coal & Coke Company	No. 4	4	...	4	...
22	Boomer Coal & Coke Company	No. 5	1	...	1	...
23	Cannelton Coal & Coke Company	No. 2	7	...	4	3
24	Christian Colliery Company	No. 1	5	...	5	...
25	Christian Colliery Company	Eagle	3	...	3	...
26	Collins Colliery Company	No. 2	1	...	1	...
27	Collins Colliery Company	No. 1	1	...	1	...

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
28	Columbus Iron & Steel Company	No. 1	3	...	2	1
29	Dunn Loop Coal & Coke Company	Klondike	1	...	1	...
30	Ephraim Creek Coal & Coke Company	Slater	1	...	1	...
31	Garten, C. P.	Pine Top	1	...	1	...
32	Greenwood Coal Company	Greenwood	2	...	...	2
33	Johnson, W. R. Coal Company	No. 1	1	...	1	...
34	Johnson, W. R. Coal Company	No. 2	1	...	1	...
35	Laura Mining Company	Laura	3	...	3	...
36	Loup Creek Colliery Company	No. 2	17	...	16	1
37	Lowmoor Iron Company of Virginia	No. 1	1	...	1	...
38	M. B. Coal & Coke Company	Elkridge No. 1	1	...	1	...
39	M. B. Coal & Coke Company	Elkridge No. 2	1	...	1	...
40	M. B. Coal & Coke Company	Kimberly No. 3	3	...	2	1
41	M. B. Coal & Coke Company	Columbia No. 5	2	...	1	1
42	McKell Coal & Coke Company	Derryhale	5	...	5	...
43	McKell Coal & Coke Company	Kilsyth	2	...	2	...
44	Milburn Coal & Coke Company	Milburn	3	...	2	1
45	Mt. Carbon Company, Ltd., The	Vulcan	2	...	2	...
46	New River Collieries Company	Sun No. 2	1	...	1	...
47	New River Company	Collins	1	...	1	...
48	New River & Pocahontas Cons. Coal Co	Layland	5	...	2	3
49	New River & Pocahontas Cons. Coal Co	Layland No. 1	8	...	8	...
50	New River & Pocahontas Cons. Coal Co	Layland No. 2	3	...	3	...
51	New River & Pocahontas Cons. Coal Co	Layland No. 3	12	...	12	...
52	New River & Pocahontas Cons. Coal Co	Layland No. 5	1	...	1	...
53	New River & Pocahontas Cons. Coal Co	(PH) Minden	1	...	...	1
54	New River & Pocahontas Cons. Coal Co	Minden No. 2	7	...	7	...
55	New River & Pocahontas Cons. Coal Co	Minden No. 3	12	...	12	...
56	New River & Pocahontas Cons. Coal Co	Minden No. 4	11	...	9	2
57	New River & Pocahontas Cons. Coal Co	Minden No. 5	12	...	11	1
58	Nichol Colliery Company	Nichol	11	...	10	1
59	Nuttallburg Smokeless Coal Company	Nuttallburg	2	...	1	1
60	Prudence Coal Company	Prudence	4	...	4	...
61	Ridgeview Coal Company	Slater	1	...	1	...
62	River Valley Colliery Company	Bachman	2	...	2	...
63	Scotia Coal & Coke Company	Brooklyn	1	...	1	...
64	Scotia Coal & Coke Company	Rush Run	1	...	1	...
65	Solvay Collieries Company	Westerly No. 1	4	...	3	1
66	Star Coal & Coke Company	Star	2	...	2	...
67	Stone Cliff Coal & Coke Company	Stone Cliff	1	...	1	...

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
68	Sugar Creek Coal & Coke Company	No. 1	1	...	1	...
69	Sunday Creek Company	No. 111	4	...	4	...
70	Sunday Creek Company	No. 112	11	...	9	2
71	Sunday Creek Company	No. 114	18	...	16	2
72	Sunday Creek Company	No. 115	4	...	4	...
73	Sunday Creek Company	No. 116	6	...	6	...
74	Sunday Creek Company	?	1	...	1	...
75	Stuart Colliery Company	Summerlee	3	...	3	...
76	Turkey Knob Coal Company	Turkey Knob	20	...	17	3
77	White Oak Fuel Company	Carlisle	3	...	3	...
78	White Oak Fuel Company	Scarbro	22	...	20	2
79	White Oak Fuel Company	Whipple	2	...	2	...
80	White Oak Fuel Company	Wingrove	3	...	3	...
			304	340	270	34
	GRANT COUNTY.					
81	Buffalo Creek Cumberland Coal Co.	Buffalo	3	...	2	1
			3	343	2	1
	HARRISON COUNTY.					
82	Byron Coal Company	Althea	1	...	1	...
83	Calif Coal Company	Calif	1	...	...	1
84	Consolidation Coal Company, The	No. 21	4	...	3	1
85	Consolidation Coal Company, The	No. 25	1	...	1	...
86	Consolidation Coal Company, The	No. 27	4	...	4	...
87	Consolidation Coal Company, The	No. 32	1	...	...	1
88	Consolidation Coal Company, The	No. 35	2	...	2	...
89	Consolidation Coal Company, The	No. 39	2	...	...	2
90	Consolidation Coal Company, The	No. 40	1	...	...	1
91	Consolidation Coal Company, The	No. 49	3	...	3	...
92	Consolidation Coal Company, The	No. 50	1	...	...	1
93	Consolidation Coal Company, The	No. 51	2	...	2	...
94	Consolidation Coal Company, The	No. 54	1	...	1	...
95	Consolidation Coal Company, The	No. 55	1	...	1	...
96	Consolidation Coal Company, The	No. 58	2	...	2	...
97	Consolidation Coal Company, The	No. 61	1	...	1	...
98	Consolidation Coal Company, The	No. 65	1	...	1	...
99	Consolidation Coal Company, The	No. 48	1	...	1	...
100	Corona Coal & Coke Co.	Harold	1	...	1	...
101	Fairmont and Baltimore Coal & Coke Co.	Fairmore	2	...	2	...

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
102	Harry B. Coal & Coke Company	Pitcairn	1	...	...	1
103	Hero Coal & Coke Company	Hero	2	...	1	1
104	Hutchinson Coal Company	Erie No. 2	3	...	3	...
105	Hutchinson Coal Company	Delta	7	...	4	3
106	Hutchinson Coal Company	Florence	8	...	8	...
107	Hutchinson Coal Company	Byron	1	...	1	...
108	Hutchinson Coal Company	McCandlish	12	...	10	2
109	Hutchinson Coal Company	York	2	...	2	...
110	Lambert Run Coal Company	Clauson	2	...	2	...
111	Madeira-Hill-Clark Coal Company	Goff	4	...	2	2
112	Madeira-Hill-Clark Coal Company	Randolph	11	...	9	2
113	Madeira-Hill-Clark Coal Company	Waldo	4	...	3	1
114	Marion Gas Coal Company	Bingamon	4	...	3	1
115	Rosebud Fuel Company	Rosebud	1	...	...	1
116	Virginia-Maryland Coal Corporation	Willard	15	...	14	1
117	Vincent Coal Company	Grasselli	1	...	1	...
			111	454	89	22
	KANAWHA COUNTY.					
118	Belmont Coal Company	Belmont	1	...	1	...
119	Blue Creek Coal & Land Company	Blakely	1	...	1	...
120	Cabin Creek Consolidated Coal Co	Acme	2	...	1	1
121	Cabin Creek Consolidated Coal Co	Buckeye	2	...	2	...
122	Cabin Creek Consolidated Coal Co	Davis	8	...	7	1
123	Cabin Creek Consolidated Coal Co	Cherokee	1	...	...	1
124	Cabin Creek Consolidated Coal Co	Empire	3	...	3	...
125	Cabin Creek Consolidated Coal Co	Holly	1	...	1	...
126	Cabin Creek Consolidated Coal Co	Belleclare	5	...	5	...
127	Cabin Creek Consolidated Coal Co	Keystone	1	...	...	1
128	Cabin Creek Consolidated Coal Co	Kayford	4	...	1	3
129	Cabin Creek Consolidated Coal Co	No. 2	2	...	2	...
130	Cabin Creek Consolidated Coal Co	Raccoon Gas	4	...	4	...
131	Cabin Creek Consolidated Coal Co	Raccoon East	10	...	9	1
132	Cabin Creek Consolidated Coal Co	Raccoon West	6	...	4	2
133	Cabin Creek Consolidated Coal Co	Ruby	3	...	3	...
134	Cabin Creek Consolidated Coal Co	Black Tulip	1	...	...	1
135	Cabin Creek Consolidated Coal Co	Quarrier	2	...	2	...
136	Cabin Creek Consolidated Coal Co	Shamrock	4	...	4	...
137	Cabin Creek Consolidated Coal Co	United Gas	11	...	10	1
138	Cabin Creek Consolidated Coal Co	United Splint	5	...	5	...

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
139	Cabin Creek Consolidated Coal Co.	Thistle	6	...	6	...
140	Cannelton Coal and Coke Company	No. 3	2	...	2	...
141	Campbell's Creek Coal Company	No. 1	1	...	1	...
142	Coalburg-Kanawha Coal Company	"A"	1	...	1	...
143	*Dry Branch Coal Company	Dry Branch	2	...	1	1
144	Imperial Colliery Company	No. 1	2	...	2	...
145	Imperial Colliery Company	No. 3	7	...	7	...
146	Kelly's Creek Colliery Company	No. 3	1	...	1	...
147	Lewis Coal & Coke Company	Lewis	1	...	1	...
148	Lewis Coal & Coke Company	No. 2	1	...	1	...
149	Morris Fork Coal Company	No. 2	1	...	1	...
150	Olcott Coal & Iron Company	No. 1	1	...	1	...
151	Paint Creek Collieries Company	Grose No. 2	1	...	1	...
152	Paint Creek Collieries Company	Paint Creek	1	...	1	...
153	Standard Splint & Gas Coal Company	Standard	4	...	3	1
154	Sunday Creek Company	No. 101	2	...	2	...
155	Sunday Creek Company	No. 104	6	...	5	1
156	Sunday Creek Company	No. 108	1	...	1	...
157	Virginia Coal Company	No. 1	2	...	1	1
158	Wake Forest Mining Company	Wake Forest	1	...	1	...
159	Winifrede Coal Company	North	1	...	1	...
160	*Coalburg-Kanawha Coal Company	"B"	1	...	1	...
161	Cannelton Coal & Coke Company	No. 1	3	...	3	...
162	Cannelton Coal & Coke Company	No. 2 North	2	...	2	...
163	Cannelton Coal & Coke Company	No. 1 Gas	6	...	6	...
164	Cannelton Coal & Coke Company	No. 2 Gas	1	...	1	...
165	Cabin Creek Consolidated Coal Co.	Black Tulip	7	...	7	...
166	Cabin Creek Consolidated Coal Co.	Rose	3	...	3	...
			145	599	129	16
	LOGAN COUNTY.					
167	Amherst Coal Company	No. 2	1	...	1	...
168	Coal River Coal & Coke Company	Dobra	2	...	2	...
169	Ethel Coal Company, The	No. 1	4	...	4	...
170	Kohinoor Coal & Coke Company	Kohinoor	3	...	3	...
171	Logan Mining Company	Earling	1	...	1	...
172	Logan Mining Company	Manitoba	4	...	2	2
173	Logan Mining Company	Mona	2	...	2	...
174	Main Island Creek Coal Company	No. 4	3	...	2	1
175	Manbar Coal Company	Manbar	3	...	2	1

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
176	Mifflin Coal Company	Mifflin	1	...	1	...
177	Monitor Coal Company	Monitor	2	...	1	1
178	Monitor Coal Company	No. 1	4	...	3	1
179	Monitor Coal Company	No. 2	1	...	...	1
180	Monitor Coal Company	No. 3	4	...	4	...
181	Monitor Coal Company	Beechwood	1	...	1	...
182	McGregor Coal Company	No. 3	1	...	1	...
183	Opperman Coal Company	Opperman	8	...	7	1
184	Rex Coal & Coke Company	Rex	1	...	1	...
185	Rich Creek Coal Company	Wilburn	1	...	1	...
186	Spruce Valley Coal Company	Spruce Valley	2	...	1	1
187	Thomas, D. C. Coal Company	Grace	2	...	2	...
188	United States Coal & Oil Company	No. 1	1	...	1	...
			52	651	43	9
	MARION COUNTY.					
189	Consolidation Coal Company, The	No. 22	2	...	1	1
190	Consolidation Coal Company, The	No. 24	1	...	...	1
191	Consolidation Coal Company, The	No. 25	1	...	1	...
192	Consolidation Coal Company, The	No. 26	2	...	1	1
193	Consolidation Coal Company, The	No. 36	2	...	2	...
194	Consolidation Coal Company, The	No. 38	8	...	7	1
195	Consolidation Coal Company, The	No. 43	5	...	4	1
196	Consolidation Coal Company, The	No. 47	2	...	...	2
197	Consolidation Coal Company, The	No. 53	2	...	1	1
198	Consolidation Coal Company, The	No. 56	6	...	3	3
199	Consolidation Coal Company, The	No. 63	6	...	5	1
200	Consolidation Coal Company, The	No. 69	1	...	1	...
201	Fairmont & Cleveland Coal Company	Parker Run	1	...	1	...
202	Federal Coal & Coke Company	Federal	16	...	14	2
203	Four States Coal & Coke Company	Annabelle	1	...	1	...
204	Jamison Coal & Coke Company	No. 7	18	...	14	4
205	Jamison Coal & Coke Company	No. 8	12	...	10	2
206	Jamison Coal & Coke Company	No. 9	6	...	5	1
207	New Central Coal Company	Stafford	1	...	1	...
208	Phillips Coal & Coke Company	Phillips	1	...	1	...
209	Virginia & Pittsburg Coal & Coke Company	Kingmont	3	...	3	...
210	Virginia & Pittsburg Coal & Coke Company	Morgan	1	...	1	...
			98	749	77	21

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
	MARSHALL COUNTY.					
211	Ben Franklin Coal Company	Panama	1	...	1	...
212	Wheeling Steel & Iron Company	Benwood	17	...	17	...
			18	767	18	...
	MERCER COUNTY.					
213	American Coal Company	Piedmont	2	...	1	1
214	Booth-Bowen Coal & Coke Company	Booth-Bowen	6	...	5	1
215	Crystal Coal & Coke Company	No. 1	1	...	1	...
216	Crystal Coal & Coke Company	No. 2	1	...	1	...
217	Louisville Coal & Coke Company	No. 2	1	...	...	1
218	Louisville Coal & Coke Company	No. 4	1	...	1	...
219	Louisville Coal & Coke Company	Goodwill	1	...	1	...
220	Pocahontas Consolidated Collieries Company	Caswell Creek	2	...	2	...
221	Pocahontas Consolidated Collieries Company	Sagamore	4	...	4	...
222	Turkey Gap Coal & Coke Company	Wenona	2	...	1	1
			21	788	17	4
	MINERAL COUNTY.					
223	Davis Coal & Coke Company	No. 19	2	...	2	...
224	Davis Coal & Coke Company	No. 51	3	...	2	1
			5	793	4	1
	MINGO COUNTY.					
225	Howard Colliery Company	Frederick	1	...	...	1
226	Howard Colliery Company	Howard	2	...	1	1
227	Sycamore Coal Company	Cinderella	2	...	2	...
228	Thacker Fuel Company	No. 11	3	...	2	1
229	Thacker Fuel Company	No. 12	1	...	1	...
230	Thacker Fuel Company	No. 14	2	...	1	1
231	War Eagle Coal Company	War Eagle	2	...	...	2
232	Williamson Coal & Coke Company	Winifrede	1	...	1	...
			14	807	8	6
	MONONGALIA COUNTY.					
233	Consolidation Coal Company, The	No. 30	1	...	1	...
234	Elkins Coal & Coke Company	No. 1	4	...	3	1
235	Elkins Coal & Coke Company	No. 5	2	...	2	...
			7	814	6	1

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
	McDOWELL COUNTY.					
236	Algoma Coal & Coke Company	Piney	16	...	13	3
237	Algoma Coal & Coke Company	North Fork	3	...	3	...
238	Algoma Coal & Coke Company	Stonebank	1	...	1	...
239	Ashland Coal & Coke Company	Ashland	2	...	2	...
240	Ashland Coal & Coke Company	Monitor	7	...	7	...
241	Bottom Creek Coal & Coke Company	No. 2	2	...	2	...
242	Crozer Coal & Coke Company	No. 1	1	...	1	...
243	Crozer Coal & Coke Company	No. 2	2	...	2	...
244	Cirrus Coal & Coke Company	No. 2	1	...	1	...
245	Davy-Pocahontas Coal Company	No. 1	2	...	2	...
246	Elkhorn Coal & Coke Company	Elkhorn	3	...	3	...
247	Elkridge Coal & Coke Company	Elkridge	4	...	2	2
248	Empire Coal & Coke Company	Empire	17	...	15	2
249	Flanagan Coal Company	No. 2	1	...	1	...
250	Greenbrier Coal & Coke Company	Greenbrier	1	...	1	...
251	Houston Coal & Coke Company	No. 1	11	...	11	...
252	Houston Coal & Coke Company	No. 2	3	...	3	...
253	Houston Collieries Company	Huger	2	...	1	1
254	Indian Ridge Coal & Coke Company	Indian Ridge	3	...	3	...
255	J. B. B. Coal Company	No. 1	1	...	1	...
256	J. B. B. Coal Company	Fleming No. 2	1	...	1	...
257	J. B. B. Coal Company	No. 4	1	...	1	...
258	King Coal Company	King	2	...	2	...
259	Keystone Coal & Coke Company	No. 1	2	...	2	...
260	Keystone Coal & Coke Company	No. 2	4	...	4	...
261	Kimball-Pocahontas Coal Company	Virginia	2	...	2	...
262	Lake Superior Coal Company	No. 1	3	...	3	...
263	Lake Superior Coal Company	No. 2	3	...	3	...
264	Mohawk Coal & Coke Company	Mohawk	2	...	1	1
265	New River & Pocahontas Cons. Coal Company	Berwind No. 3	1	...	1	...
266	New River & Pocahontas Cons. Coal Company	Havaco	4	...	4	...
267	New Pocahontas Coal Company	New Poca	1	...	1	...
268	Oregon Coal Company	Oregon	5	...	1	4
269	Oregon Coal Company	No. 2	1	...	1	...
270	Oregon Coal Company	No. 3	1	...	1	...
271	Page Coal & Coke Company	No. 1	2	...	1	1
272	Page Coal & Coke Company	No. 2	2	...	2	...
273	Page Coal & Coke Company	No. 3	1	...	1	...
274	Peerless Coal & Coke Company	Peerless	2	...	2	...

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
275	Peerless Coal & Coke Company	East	3	...	3	...
276	Peerless Coal & Coke Company	No. 2	1	...	1	...
277	Pocahontas Consolidated Collieries Company	Cherokee	1	...	1	...
278	Pocahontas Consolidated Collieries Company	Angle	1	...	1	...
279	Pocahontas Consolidated Collieries Company	Norfolk	3	...	3	...
280	Pocahontas Consolidated Collieries Company	Rolfe	13	...	12	1
281	Pocahontas Consolidated Collieries Company	Shamokin	1	...	1	...
282	Pocahontas Consolidated Collieries Company	No. 6-4	2	...	2	...
283	Pocahontas Consolidated Collieries Company	No. 6-8	2	...	2	...
284	Pocahontas Consolidated Collieries Company	No. 7-1	4	...	4	...
285	Pocahontas Consolidated Collieries Company	No. 8-1	1	...	1	...
286	Pocahontas Consolidated Collieries Company	Lick Branch	1	...	1	...
287	Powhatan Coal & Coke Company	East	4	...	4	...
288	Powhatan Coal & Coke Company	West	5	...	4	1
289	Pocahontas Domestic Coal Company	Scorpion	1	...	1	...
290	Powhatan Coal & Coke Company	Powhatan	2	...	...	2
291	Pulaski Iron Company	No. 2	5	...	4	1
292	Pulaski Iron Company	No. 3	2	...	2	...
293	Solvay Collieries Company	Marytown	2	...	2	...
294	Solvay Collieries Company	Big Sandy	1	...	1	...
295	Standard-Pocahontas Coal Company, The	Standard	3	...	3	...
296	Superior-Pocahontas Coal Company	No. 1	2	...	2	...
297	Superior-Pocahontas Coal Company	No. 2	1	...	1	...
298	Superior-Pocahontas Coal Company	No. 3	6	...	6	...
299	Superior-Pocahontas Coal Company	No. 4	6	...	4	2
300	Superior-Pocahontas Coal Company	Blackstone	2	...	2	...
301	Superior-Pocahontas Coal Company	Cletus	1	...	1	...
302	Superior-Pocahontas Coal Company	Davy-Crocket	1	...	1	...
303	Superior-Pocahontas Coal Company	Helena	1	...	1	...
304	Tidewater Coal & Coke Company	Tidewater	3	...	3	...
305	Upland Coal & Coke Company	Upland	2	...	2	...
306	West Virginia-Pocahontas Coal Company	No. 1	1	...	1	...
307	West Virginia-Pocahontas Coal Company	No. 2	1	...	1	...
308	Yukon-Pocahontas Coal Company	No. 1	1	...	1	...
309	Zenith Coal & Coke Company	Zenith	2	...	1	1
310	Zenith Coal & Coke Company	No. 1	2	...	2	...
			213	1,027	191	22

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
	OHIO COUNTY.					
311	Elm Grove Coal Company	Elm Grove	5	...	5	...
			5	1,032	5	...
	PRESTON COUNTY.					
312	Elkins Coal & Coke Company	No. 2	6	...	4	2
313	Elkins Coal & Coke Company	No. 6	4	...	4	...
314	Elkins Coal & Coke Company	No. 7	1	...	1	...
315	Hiorra Coke Company	Vulcan	2	...	1	1
316	Irona Coal Company	No. 2	1	...	1	...
317	Preston County Coke Company	Cascade	2	...	1	1
318	Preston County Coke Company	Cascade No. 3	1	...	1	...
319	Somersett Smokeless Coal Company	Tunnelton	2	...	2	...
320	Virginia-Maryland Coal Corporation	Scotch Hill	5	...	1	4
			24	1,056	16	8
	PUTNAM COUNTY.					
321	Otto Marmet Coal & Mining Company, The	No. 3	1	...	1	...
322	Plymouth Coal & Mining Company	Plymouth	1	...	...	1
			2	1,058	1	1
	RALEIGH COUNTY.					
323	Clear Fork Coal Company	Leevale	1	...	1	...
324	Four States Coal & Coke Company	Dorothy	4	...	3	1
325	Four States Coal & Coke Company	Sarita	2	...	1	1
326	McKell Coal & Coke Company	Graham	1	...	1	...
327	McKell Coal & Coke Company	Oswald	2	...	2	...
328	MacAlpin Coal Company	MacAlpin	5	...	5	...
329	New River Company	Beckley	12	...	12	...
330	New River Company	Sprague	4	...	3	1
331	New River Collieries Company	Eccles No. 3	1	...	1	...
332	New River Collieries Company	Eccles No. 5	1	...	1	...
333	Pemberton Coal & Coke Company	Affinity	2	...	1	1
334	Pemberton Fuel Company	Pemberton	1	...	1	...
335	Piney Mining Company	No. 1	2	...	1	1
336	Piney Mining Company	No. 3	1	...	1	...
337	Slab Fork Coal Company	Slab Fork	3	...	...	3
338	Slab Fork Coal Company	No. 2	10	...	9	1
339	Slab Fork Coal Company	No. 3	22	...	22	...
340	Slab Fork Coal Company	No. 5	12	...	11	1

RECAPITULATION OF MINOR ACCIDENTS FOR THE YEAR ENDING JUNE 30TH, 1914, BY COUNTIES, COMPANIES AND MINES.

No.	NAME OF COMPANY.	Name of Mine	Number of Accidents	Grand Total	Inside	Outside
341	Slab Fork Coal Company	No. 6	1	...	...	1
342	Slab Fork Coal Company	No. 7	3	...	3	...
343	Sullivan Coal & Coke Company	No. 1 North	1	...	1	...
344	Sullivan Coal & Coke Company	No. 2	2	...	2	...
345	Sullivan Coal & Coke Company	South Piney	1	...	1	...
346	Winding Gulf Colliery Company	No. 1	13	...	12	1
347	Winding Gulf Colliery Company	No. 2	9	...	9	...
348	Winding Gulf Colliery Company	No. 3	4	...	4	...
349	White, E. E., Coal Company	Stotesbury	1	...	1	...
			121	1,179	109	12
	RANDOLPH COUNTY.					
350	Davis Colliery Company	Harding No. 3	1	...	...	1
351	Davis Coal & Coke Company	artmoor No. 4	1	...	1	...
352	Davis Coal & Coke Company	Weaver No. 1	7	...	6	1
353	Davis Coal & Coke Company	Weaver No. 2	8	...	8	...
			17	1,196	15	2
	TAYLOR COUNTY.					
354	Maryland Coal Company of West Virginia	No. 1	1	...	1	...
355	Maryland Coal Company of West Virginia	No. 2	3	...	3	...
356	Maryland Coal Company of West Virginia	No. 4	2	...	2	...
357	Maryland Coal Company of West Virginia	No. 5	1	...	1	...
358	McGraw Coal Company	No. 1	2	...	2	...
359	Pittsvein Coal Company	No. 4	8	...	7	1
360	Rosemont Coal Company	Rosemont	10	...	9	1
361	Sunnyside Coal Company	Sunnyside	1	...	1	...
			28	1,224	26	2
	TUCKER COUNTY.					
362	Davis Coal & Coke Company	No. 25	1	...	1	...
363	Davis Coal & Coke Company	No. 37	1	...	1	...
364	Davis Coal & Coke Company	No. 39	3	...	3	...
365	Davis Coal & Coke Company	No. 40	5	...	5	...
			10	1,234	10	...

RECAPITULATION.

COUNTY.	Number of Accidents	Grand Total	Inside	Outside
Barbour County	18	18	16	2
Boone County	6	24	5	1
Brooke County	11	35	10	1
Clay County	1	36	1	...
Fayette County	304	340	270	34
Grant County	3	343	2	1
Harrison County	111	454	89	22
Kanawha County	145	599	129	16
Logan County	52	651	43	9
Marion County	98	749	77	21
Marshall County	18	767	18	...
Mercer County	21	788	17	4
Mineral County	5	793	4	1
Mingo County	14	807	8	6
Monongalia County	7	814	6	1
McDowell County	213	1,027	191	22
Ohio County	5	1,032	5	...
Preston County	24	1,056	16	8
Putnam County	2	1,058	1	1
Raleigh County	121	1,179	109	12
Randolph County	17	1,196	15	2
Taylor County	28	1,224	26	2
Tucker County	10	1,234	10	...
Total	1,234	1,234	1,068	166

DIRECTORY OF THE MINES

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
		BARBOUR COUNTY.				
1	Third	Century Coal Co., The......	301	Century No. 1........	Shaft	Century ....
2	Third	Century Coal Co., The......	302	Century No. 2........	Shaft	Century ....
3	Third	Consolidation Coal Co., The..	303	No. 37	Shaft	Berryburg ...
4	Third	Crawford, H. M. & Co.......	304	Adma	Drift	Philippi ....
5	Third	Davis Coal & Coke Co., The..	305	Dartmoor No. 4......	Slope	Weaver .....
6	Fourth	Davis Coal & Coke Co.	401	Weaver No. 3........	Drift	Weaver .....
7	Third	Davis Colliery Co..........	306	Junior No. 4.........	Drift	Junior ......
8	Third	Gage Coal & Coke Co......	307	Sara	Slope	Junior ......
9	Third	Grafton Fuel Co...........	308	Lillian No. 1.........	Drift	Lillian ......
10	Third	Grafton Fuel Co............	a-308	Lillian No. 2.........	Drift	Lillian ......
11	Fourth ...	Green, W. H...............	402	Williette	Drift	Weaver .....
12	Third	Humphreys Coal Co.........	309	Humphreys	Drift	Philippi .....
13	Third	Laurel Creek Coal Co......	310	Laurel	Drift	Lillian .....
14	Third	Luella Coal & C. Co........	311	Luella	Drift	Philippi .....
15	Third	Sandridge, Lee J. Coal Co..	312	Meriden No. 1........	Drift	Meriden .....
16	Third	Tygart's River Coal Co......	313	Arden No. 1..........	Drift	Arden ......
		BOONE COUNTY.				
17	Sixth	Anchor Coal Co............	601	Anchor	Drift	High Coal ..
18	Sixth	Coal River Co., The........	602	Ottawa Nos. 1 & 2....	Drift	Ottawa .....
19	Sixth	Hickory Ash Coal Co., The...	603	Hickory Ash	Drift	Sterling .....
20	Sixth	Horse Creek Block Coal Co...	604	Opal No. 1...........	Drift	Woodville ...
21	Sixth	Peytona Block Coal Co......	605	Peytona	Drift	Peytona .....
22	Sixth	Seng Creek Coal Co.........	606	Seng Creek	Drift	Seng Creek .
23	Sixth	Spruce River Coal Co., The..	607	Ramage No. 1......	Drift	Ramage ....
24	Sixth	Webb Coal Mining Co.......	608	Webb	Drift	Garrison ....
		BRAXTON COUNTY.				
25	Fifth	Braxton Coal & Coke Co.....	501	Braxton	Drift	Gilmer .....
26	Fifth	Capen Creek Coal Co........	502	Vanwith	Drift	Bower ......
27	Fifth	Davis Colliery Co..........	503	Copen No. 11........	Drift	Copen ......
28	Fifth	Davis Colliery Co..........	504	Bower No. 10........	Drift	Bower ......
		BROOKE COUNTY.				
29	First	LaBelle Iron Works.........	101	LaBelle Shaft	Shaft	Steubenville, O
30	First	Richland Rock Coal Co.....	102	Beech Bottom	Drift	Wheeling ....
31	First	West Va.-Pittsburgh Coal Co.	103	Locust Grove No. 1...	Drift	Colliers .....
32	First	West Va.-Pittsburgh Coal Co.	104	Gilchrist No. 3.......	Drift	Wellsburg ....
33	First	West Va.-Pittsburgh Coal Co.	105	LaBelle No. 4........	Drift	Wellsburg ....
		CLAY COUNTY.				
34	Fifth	Elliott Splint Coal Co.......	505	York No. 1...........	Drift	Clay ....
35	Fifth	Elk Manor Coal Co..........	506	Dorfee	Drift	Dorfee ......
36	Fifth	Elk River Coal & Lumber Co.	507	Rich Run	Drift	Widen ......
37	Fifth	Queen Shoals Coal Co.......	508	Burnzwell	Drift	Queen Shoals.
		FAYETTE COUNTY.				
38	Eighth	Ajax Coal Co..............	801	Ajax	Drift	Fayette .....
39	Eighth ...	Alaska Coal & Coke Co......	802	Alaska	Drift	Claremont ...
40	Eighth	Babcock Coal & Coke Co.....	803	Nos 3 & 4...........	Drift	Cliff Top ....
41	Eighth ...	Ballinger Coal Co...........	804	Ballinger No. 1.......	Drift	Winona ......
42	Eighth ...	Beechwood Coal & Coke Co..	805	No. 1	Drift	Claremont ....
43	Eighth ...	Beechwood Coal & Coke Co..	806	No. 2	Drift	Claremont ....
44	Eighth ...	Beury Bros. Coal & Coke Co.	807	Echo & Klondyke......	Drift	Beury ....
45	Eighth	Big Bend Coal Co...........	808	Big Bend	Drift	Dimmock ....
46	Eighth	Blume G. M. (Estate)......	809	Fayette	Drift	Fayette ......
47	Eighth	Blume Coal & Coke Co......	810	Blume	Drift	Lookout .....
48	Fifth	Boomer Coal & Coke Co....	509	No. 1	Drift	Boomer ......
49	Fifth	Boomer Coal & Coke Co....	510	No. 2, North	Drift	Boomer ......
50	Fifth	Boomer Coal & Coke Co....	511	No. 2, South	Drift	Boomer ......
51	Fifth	Boomer Coal & Coke Co....	512	No. 3	Drift	Boomer ......
52	Fifth	Boomer Coal & Coke Co....	513	No. 4	Drift	Boomer ......
53	Fifth	Boomer Coal & Coke Co....	514	No. 5	Drift	Boomer ......
54	Eighth	Branch Coal & Coke Co....	811	Elverton	Drift	Elverton .....
55	Eighth	Brown Coal Co............	812	Brown	Drift	Nuttallburg ..
56	Fifth	Cannelton Coal & Coke Co..	515	No. 2	Drift	Cannelton ....
57	Fifth	Cannelton Coal & Coke Co..	516	No. 3	Drift	Cannelton ....
58	Fifth	Cannelton Coal & Coke Co..	517	No. 4	Drift	Cannelton ....
59	Seventh ...	Christian Colliery Co.......	701	Eagle	Drift	Eagle ....
60	Seventh ...	Christian Colliery Co........	702	Powelton	Drift	Mahan ......

AME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
	BARBOUR COUNTY.					
n Phillips	W. H. Whatkeys	Red Stone	5— 6	Fan	219	1
n Phillips	H. G. Mundy	Red Stone	5— 6	Fan	74	2
W. Ferguson	Lee Cotrill, Ros. Shefbs.	Pittsburgh	7&9- 0	Fan	244	3
....	....	....	.....	Furnace	10	4
H. Harrison	Geo. Adams	Kittanning	6— 0	Fan	162	5
H. Harrison	Floyd Corley	Kittanning	6— 0	Fan	4	6
S. Wilson	W. A. Shomo	Kittanning	5— 0	Fan	56	7
C. Haskins	H. C. Haskins	Upper Freeport	5— 0	Fan	31	8
W. Brydon	J. W. Marteny	Upper Freeport	6— 0	Furnace	40	9
W. Brydon	J. W. Marteny	Upper Freeport	6— 0	Fan	.....	10
H. Green	John Condry	Kittauning	6— 6	Furnace	38	11
D. Woodford	John Swick	Upper Freeport	4— 6	Fan	36	12
W. Brydon	H. A. Feathers	Upper Freeport	5— 8	Furnace	14	13
M. Crawford	J. H. Robinson	Upper Freeport	6— 0	Furnace	38	14
J. Sandridge	Guy Bennett	Upper Freeport	6— 0	Fan	66	15
Hoffman	—— Mitchell	Upper Freeport	5— 6	Fan	35	16
	BOONE COUNTY					
H. Hornickel	Thos. Greaves	Anchor (Not correlated)	7— 0	Fan	89	17
M. Moore	Ed. Zwilling	Eagle	5— 0	Fan	77	18
nt McGhee	Thos. Waters	No. 2 Gas	4— 0	Fan	85	19
B. Combs	G. B. Combs	No. 5	4— 8	Furnace	15	20
—— ——	R. A. Snead	No. 2 Gas	3— 6	Fan	47	21
C. Lovett	G. W. Spradling	Kanawha	4— 2	Fan	61	22
B. Ramage	Geo. Bullach	Eagle No. 1	5— 0	Fan	85	23
n Holmes	Robert Walker	Coalburg	7— 0	Fan	86	24
	BRAXTON COUNTY.					
G. Colburn	F. M. Murphy	Pittsburgh	6— 6	Furnace	26	25
S. Huber	H. S. Huber	Pittsburgh	7— 0	Furnace	34	26
s Davies	Worthy Riggs	Pittsburgh	6— 6	Fan	50	27
s Davies	P. J. Stanton	Pittsburgh	4 to 9′	Fan	116	28
	BROOKE COUNTY.					
W. McCasland	Geo. Holliday	Lower Freeport	3— 6	Fan	162	29
ry Sharpe	Fred Morris	Pittsburgh	5— 0	Fan	175	30
Z. Virgln	S. P. Stephens	Pittsburgh	5— 0	Fan	192	31
A. Smith	J. A. Smith	Pittsburgh	5— 0	Fan	70	32
uel McMahon	John McMahon	Pittsburgh	4— 6	Fan	115	33
	CLAY COUNTY.					
E. Taylor	H. E. Taylor	Winifrede	8— 0	Fan	55	34
n Connell	Charles Parker	Winifrede	4— 0	Fan	53	35
T. Price	J. P. Donaldson	No. 5	6— 0	Fan	166	36
R. Morris	Thos. Bostic	No. 5	4— 0	Furnace	36	37
	FAYETTE COUNTY.					
R. Gill	E. R. Gill	Sewell	3— 0	Fan	52	38
. Lawton	S. M. Peters	Fire Creek	4— 0	Fan	16	39
L. Herndon	W. E. Moore, H. T. Bragg	Sewell	3— 0	Fan	87	40
. Holland	John Ohlinger	Sewell	3— 9	Fan	64	41
L. Hawley	R. B. Hanna	Fire Creek	4— 6	Fan	75	42
L. Hawley	John O'Daniel	Fire Creek	4— 6	Fan	48	43
B. Beury	W. L. McDaniel	Fire Creek	4— 6	Fan	45	44
H. Dempsey	O. C. Wiseman	Fire Creek	3— 6	Fan	26	45
G. Blume	L. D. Rhodes	Sewell	3— 0	Fan	46	46
W. Boone	A. R. Jones	Sewell	3— 8	Fan	70	47
I. Huddy	D. B. Ross	No. 2 Gas	5— 6	Fan	97	48
I. Huddy	John Huddy	Eagle	5— 6	Fan	246	49
I. Huddy	John Long	Eagle	5— 6	Fan	129	50
I. Huddy	C. E. Lilly	No. 2 Gas	5— 3	Fan	114	51
I. Huddy	John Elswick	No. 2 Gas	5— 6	Fan	188	52
I. Huddy	Park Stone	No. 2 Gas	5— 3	Fan	61	53
R. J. Zimmerman	W. D. Crickmer	Sewell	4— 0	Fan	60	54
A. Boone	C. B. Stewart	Sewell	4— 4	Fan	107	55
ry Deem	Geo. Musgrave	No. 2 Gas	6— 6	Fan	342	56
ry Deem	Jesse Gardner	Eagle	4— 2	Fan	31	57
ry Deem	Frank Selby	No. 2 Gas	5— 0	Fan	99	58
A. Hereford	Geo. Wall	Eagle	5— 6	Fan	62	59
H. Hereford	Geo. Wall	Powellton	4— 0	Fan	25	60

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
61	Ninth	Collins' Colliery Co.	901	Nos. 1, 2, 3 & 4	Drift	Glen Jean
62	Fifth	Columbus Iron & Stl Co., The	518	No. 1	Drift	Marting
63	Eighth	Deitz Colliery Co	813	Deitz	Drift	Wyndal
64	Ninth	Dun Glen Coal Co	902	Dun Glen	Drift	Thurmond
65	Ninth	Dunn Loop Coal & Coke Co.	903	Dunn Loop	Drift	Dunloop
66	Eighth	Elmo Mining Co., The	814	Elmo	Drift	Elmo
67	Seventh	Eureka Coal Co., The	703	No. 2	Drift	Donwood
68	Eighth	Ephraim Creek C. & Coke Co.	815	Buffalo & Slater	Drift	Thayer
69	Eighth	Export Coal Co.	816	Export	Drift	Export
70	Eighth	Evans & Sons	817	Great Kanawha	Drift	Mount Carbo
71	Eighth	Fire Creek Coal & Coke Co.	818	Buffalo	Drift	Fire Creek
72	Eighth	Fort Defiance Coal & Coke Co.	819	Fort Defiance	Drift	Gauley Bridg
73	Eighth	Gauley Mount'n Coal Co., The	820	Buck Run	Drift	Jodie
74	Eighth	Gauley Mount'n Coal Co., The	821	Scotia & Turkey Creek.	Drift	Ansted
75	Eighth	Glendale Colliery Co.	822	Buck Lick	Drift	Lawton
76	Eighth	Greenwood Coal Co.	823	Greenwood	Drift	Lawton
77	Ninth	Harvey Coal & Coke Co.	904	Harvey	Drift	Harvey
78	Eighth	Hemlock Hollow C. & C. Co.	824	Hemlock	Drift	Lawton
79	Eighth	Holliday Coal Co	825	Keeney's Creek	Drift	Nuttallburg
80	Fifth	Johnson, W. R. Coal Co.	519	Crescent	Drift	Crescent
81	Fifth	Johnson, W. R. Coal Co.	510	Oakwood	Drift	Smithers
82	Eighth	Keeney's Creek Colly. Co.	826	Boone	Drift	Boone
83	Eighth	Keeney's Creek Colly Co.	827	Smokeless	Drift	Winona
84	Ninth	Laura Mining Co.	905	Laura	Drift	Red Star
85	Eighth	Laurel Creek Coal Co.	828	Laurel	Drift	Laurel Creek
86	Eighth	Look Out Coal & Coke Co.	829	Lookout	Drift	Lookout
87	Ninth	Long Branch Coal Co.	906	No. 2	Drift	Long Branch
88	Eighth	Loup Creek Colliery Co.	830	No. 2	Drift	Page
89	Eighth	Low Moor Iron Co. of Va.	831	No. 1	Drift	Kaymoor
90	Eighth	Low Moor Iron Co. of Va.	832	No. 2	Drift	Kaymoor
91	Eighth	Lynchburg Colliery Co.	833	Lynchburg	Drift	Vanetta
92	Eighth	M. B. Coal & Coke Co.	834	Kimberly No. 3	Drift	Kimberly
93	Eighth	M. B. Coal & Coke Co.	835	Columbia No. 5	Drift	Kimberly
94	Eighth	M. B. Coal & Coke Co.	836	Elkridge No. 1	Drift	Kimberly
95	Eighth	M. B. Coal & Coke Co.	837	Elkridge No. 2	Drift	Kimberly
96	Ninth	Macdonald Colliery Co.	907	Macdonald	Drift	Macdonald
97	Ninth	McKell Coal & Coke Co.	908	Derryhale	Drift	Derryhale
98	Ninth	McKell Coal & Coke Co.	909	Kilsyth	Drift	Kilsyth
99	Eighth	Mecca Colliery Co	838	Edgewater	Drift	Eagle
100	Eighth	Mecca Colliery Co.	839	Diamond	Drift	Eagle
101	Seventh	Mecca Colliery Co.	704	Mecca Gas	Drift	Eagle
102	Seventh	Mecca Colliery Co.	705	Mecca Splint	Drift	Eagle
103	Ninth	Meadow Fork Coal Co.	910	Meadow Fork	Drift	Newlyn
104	Eighth	Michigan Coal Co.	840	Michigan	Drift	Fayette
105	Eighth	Milburn Coal Co.	841	No. 1	Drift	Milburn
106	Eighth	Mill Creek Colliery Co.	842	Mill Creek	Drift	Ansted
107	Eighth	Midvale Colliery Co.	843	Midvale	Drift	Gamoca
108	Eighth	Mount Carbon Co., Ltd., The	844	Vulcan	Drift	Powellton
109	Ninth	Mount Hope Coal & Coke Co.	911	Baby	Drift	Mt. Hope
110	Ninth	Newlyn Coal Co.	912	Newlyn	Drift	Newlyn
111	Ninth	New River Collieries Co.	913	Sun Nos. 1, 2 & 3	Sl.-Sh.	Sun
112	Eighth	New River & Poca Consol. Co.	845	Layland 1, 2 & 3	Drift	Layland
113	Eighth	New River & Poca Consol. Co.	846	Minden No. 2	Drift	Minden
114	Eighth	New River & Poca Consol. Co.	847	Minden No. 3	Drift	Minden
115	Eighth	New River & Poca Consol. Co.	848	Minden No. 4	Drift	Minden
116	Eighth	New River & Poca Consol. Co.	849	Minden No. 5	Drift	Minden
117	Ninth	Nichol Colliery Co.	914	Nichol	Drift	Glen Jean
118	Eighth	Nuttallbrg Smokeless Fuel Co	850	Nuttallburg	Drift	Nuttallburg
119	Seventh	Paint Creek Collieries Co.	706	Hickory Camp	Drift	Mahan
120	Ninth	Prudence Coal Co.	915	Prudence	Drift	Harvey
121	Eighth	Quinnimont Coal Co.	851	Big Q & Lick Branch.	Drift	Quinnimont
122	Eighth	Ridgeview Coal Co.	852	Ridgeview	Drift	Thayer
123	Eighth	River Valley Colliery Co.	853	Bachman	Drift	Lookout
124	Eighth	Rock Lick Coal Co.	854	No. 1	Drift	Concho
125	Eighth	Rock Lick Coal Co.	855	No. 2	Drift	Concho
126	Eighth	Rothwell Coal Co.	856	Dubree	Drift	Dubree
127	Eighth	Scotia Coal & Coke Co.	857	Rush Run & Once More	Drift	Rush Run
128	Eighth	Scotia Coal & Coke Co.	858	Red Ash	Drift	Rush Run
129	Eighth	Scotia Coal & Coke Co.	857	Brooklyn	Drift	Finlow
130	Eighth	Sewell Colliery Co.	860	Sugar Camp	Drift	Caperton

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
J. Coole	Henry Blake	Sewell	5— 0	Fan	109	61
M. Gillie	H. A. Jepson	No. 2 Gas	5— 6	Fan	142	62
A. Deitz	L. D. Moran	No. 2 Gas	4— 6	Furnace	99	63
n. Brown	Walter Brand	Sewell	5— 1	Natural	24	64
n Porter	John R. Porter	Sewell	5— 4	Fan	255	65
	C. E. Simms	Sewell	3— 0	Fan	51	66
R. Frazer	James Frazer	No. 5 Splint	7— 0	Fan	28	67
n. Warner	Elmer Bretzman	Fire Creek	4— 6	Fan	161	68
E. Benry	G. D. McDaniel	Fire Creek	3— 6	Fan	38	69
k Evans	Zack Evans	No. 2 Gas	4— 2	Natural	13	70
H. Blackburn	J. W. Rhodes	Fire Creek	3— 6	Fan	59	71
J. Cotrell	J. W. Rhodes	No. 2 Gas	4— 4	Furnace	74	72
L. Morris	Jesse Blake	Ansted	5— 0	Furnace	37	73
L. Morris	Jas. A. Martin	Ansted	4— 1	Fan	215	74
B. Helwig	Geo. L. Moran	Fire Creek	4— 0	Fan	32	75
A. Brown	H. C. Peters	Fire Creek	4— 0	Fan	106	76
S. Neel	John Whitehead	Sewell	4— 6	Fan	150	77
A. Brown	D. S. Brown	Fire Creek	4— 0	Fan	63	78
Mac. Holliday	C. Mac. Holliday	Sewell	3— 8	Furnace	47	79
	Tom Pierce	No. 5	6— 0	Natural	13	80
	Ben Hill	No. 2 Gas	4— 3	Fan	129	81
Wade Bell	H. B. Conway	Sewell	3— 0	Fan	51	82
Wade Bell	T. H. Seacrist	Sewell	5— 6	Fan	62	83
	A. L. Nelson	Sewell	5— 6	Fan	23	84
E. Lawton	J. A. Atkinson	Fire Creek	4— 0	Fan	57	85
W. Boone	A. R. Jones	Sewell	4— 0	Fan	40	86
Graney	J. W. Warren	No. 2 Gas	6— 0	Fan	100	87
S. Dooley	Wm. N. Holstein	No. 2 Gas	5— 0	Fan	319	88
H. Esser	D. H. Lucas	Sewell	3— 6	Fan	150	89
H. Esser	Steve Framm	Sewell	3— 0	Fan	56	90
A. Deitz	J. C. Grisinger	Gas and Splint	4— 6	Furnace	120	91
C. Tippett	Lem Payne	No. 2 Gas	4— 6	Fan	55	92
C. Tippett	W. W. Gill	No. 5	6— 0	Fan	42	93
C. Tippett	Louis Hornsby	Powellton	5— 6	Fan	68	94
C. Tippett	W. D. Lee	Powellton	5— 6	Fan	73	95
n Porter		Sewell	5— 4	Fan	63	96
M. Hastings	Wm. Cochran	Sewell	5— 6	Fan	58	97
H. Oneal	Thos. Morgan	Sewell	5— 6	Fan	228	98
R. Gard	J. E. Carver	No. 2 Gas	4— 8	Fan	46	99
R. Gard	B. C. Lohr	No. 2 Gas	4— 8	Fan	71	100
R. Gard	J. J. Cox	No. 2 Gas	4— 8	Fan	32	101
R. Gard	J. W. Frazier	No. 5 Splint	5— 6	Fan	41	102
ward Thomas	Hogue Meadows	Sewell	5— 0	Furnace	42	103
. D. Boone	D. H. Stull	Sewell	3— 0	Fan	28	104
ne	G. B. Smedley	Eagle	7— 0	Fan	72	105
H. Massey	Harry Smith, S. Sims.	Sewell	3— 0	Fan	72	106
A. Deitz	Chas. H. Workman	No. 5 Splint	6— 0	Fan	80	107
rris Hansford		Powellton	5— 6	Fan	87	108
D. Mosley	Sam Walker	Sewell	5— 9	Fan	52	109
P. Thomas	H. P. Thomas	Fire Creek	3— 3	Fan	26	110
E. Kent	Thomas Mackey, Wm. Mills and Wm. Cope.	Sewell	5— 0	Fan	253	111
A. Knerr	L. J. Nahodil	Fire Creek	5—10	Fan	356	112
Clapperton, Jr.	J. W. Forbes	Sewell	4— 6	Fan	164	113
Clapperton, Jr.	Don Lindsey	Sewell	4— 6	Fan	268	114
Clapperton, Jr.	Wm. Rothwell	Sewell	4— 0	Fan	207	115
Clapperton, Jr.	James Ascough	Sewell	4— 0	Fan	176	116
nley Spoor	T. T. Lewis	Sewell	5— 6	Fan	57	117
. Brown	Walter Brand	Sewell	3—10	Fan	61	118
F. Hale	W. A. Stull	Powellton	3— 6	Fan	19	119
S. Neel	John Mallabone	Sewell	4— 5	Fan	136	120
ne	Ed. Gardner	Fire Creek	4— 0	Fan	71	121
B. Clarkson	S. P. Harris	Fire Creek	3— 0	Fan	21	122
W. Boone	John Harris	Sewell	3— 0	Fan	42	123
bert Smith	Ben. Wilshire	Sewell	4— 0	Fan	129	124
bert Smith		Fire Creek	4— 0	Fan	9	125
H. Rothwell	Chas. Higgins	Sewell	3— 8	Fan	45	126
H. Caperton, Jr.	R. J. Morton	Fire Creek	5— 6	Fan	65	127
H. Caperton, Jr.	J. M. Price	Fire Creek	5— 6	Fan	36	128
A. Mosely	Fred Platzer	Sewell	3—11	Fan	80	129
W. Boone	T. E. Littlejohn	Sewell	4— 0	Fan	84	130

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
131	Eighth	Signal Knob Coal Co.	861	Signal Knob	Drift	Ansted
132	Seventh	Solvay Collieries Co.	707	Kingston No. 1	Drift	Kingston
133	Seventh	Solvay Collieries Co.	708	Westerly	Drift	Westerly
134	Eighth	South Side Company	862	South Side	Drift	Caperton
135	Eighth	St. Clair Colliery Co.	863	Archer	Drift	Eagle
136	Eighth	St. Clair Colliery Co.	864	St. Clair	Drift	Eagle
137	Ninth	Star Coal & Coke Co., The	916	Star	Drift	Red Star
138	Eighth	Stone Cliff Coal & Coke Co.	865	Stone Cliff	Drift	Stone Cliff
139	Ninth	Stuart Colliery Co.	917	Lochgelly	Shaft	Lochgelly
140	Ninth	Stuart Colliery Co.	918	Summerlee	Shaft	Summerlee
141	Ninth	Sugar Creek Coal & Coke Co.	919	Nos. 1 & 2	Drift	Mount Hope
142	Fifth	Sunday Creek Co.	521	No. 111	Drift	Carbondale
143	Fifth	Sunday Creek Co.	522	No. 112	Drift	Carbondale
144	Fifth	Sunday Creek Co.	523	No. 114	Drift	Longacre
145	Fifth	Sunday Creek Co.	524	No. 115	Drift	Longacre
146	Fifth	Sunday Creek Co.	525	No. 116	Drift	Longacre
147	Ninth	Turkey Knob Coal Co.	920	Turkey Knob	Drift	Macdonald
148	Ninth	White Oak Fuel Co.	921	Carlisle & Oakwood	Shaft	Carlisle
149	Ninth	White Oak Fuel Co.	922	Scarbro & Wingrove	Shaft	Scarbro
150	Ninth	White Oak Fuel Co.	923	Whipple	Shaft	Carlisle
		GILMER COUNTY.				
151	Fifth	Gilmer Consolidated Coal Co.	526	Brackett	Drift	Gilmer
152	Fifth	Gilmer Fuel Co.	527	Gilmer	Drift	Gilmer
153	Fifth	McCaa Coal Co.	528	McCaa	Drift	Gilmer
		GRANT COUNTY.				
154	Fourth	Buffalo Creek-Cumbrlnd C. Co.	403	No. 1	Drift	Bayard
155	Fourth	Davis Coal & Coke Co.	404	Henry No. 22	Shaft	Henry
156	Fourth	Jordon, S. H.	405	Cottage Street	Drift	Bayard
		GREENBRIER COUNTY.				
157	Fifth	Elk Lick Coal Co.	529	Spruce Knob	Drift	Richwood
		HARRISON COUTNY.				
158	Second	Barnard Coal Co.	201	Burk	Drift	Clarksburg
159	Second	Blue Ridge Coal Co.	202	Thompson	Drift	Clarksburg
160	Second	Byron Coal Co.	203	Althea	Drift	Clarksburg
161	Second	Calif. Coal Co.	204	Calif.	Drift	Lost Creek
162	Second	Central Fairmont Coal Co.	205	Snake Hill	Drift	Clarksburg
163	Second	Clarksburg Gas Coal Co.	206	McWhorter	Drift	McWhorter
164	Second	Consolidation Coal Co., The	207	No. 21	Slope	Gypsy
165	Second	Consolidation Coal Co., The	208	No. 23	Drift	Haywood
166	Second	Consolidation Coal Co., The	209	No. 25	Drift	Clarksburg
167	Second	Consolidation Coal Co., The	210	No. 27	Drift	Glen Falls
168	Second	Consolidation Coal Co., The	211	No. 29	Drift	Clarksburg
169	Second	Consolidation Coal Co., The	212	No. 32	Drift	Shinnston
170	Second	Consolidation Coal Co., The	213	No. 33	Drift	Farnum
171	Second	Consolidation Coal Co., The	214	No. 35	Drift	Wilsonburg
172	Second	Consolidation Coal Co., The	215	No. 39	Drift	Lewis
173	Second	Consolidation Coal Co., The	216	No. 40	Drift	Viropa
174	Second	Consolidation Coal Co., The	217	No. 42	Drift	Shinnston
175	Second	Consolidation Coal Co., The	218	No. 44	Drift	Interstate
176	Second	Consolidation Coal Co., The	219	No. 48	Drift	Glen Falls
177	Second	Consolidation Coal Co., The	220	No. 49	Slope	Enterprise
178	Second	Consolidation Coal Co., The	221	No. 50—1 & 2	Drifts	Adamston
179	Second	Consolidation Coal Co., The	222	No. 51—1 & 3	Drifts	Shinnston
180	Second	Consolidation Coal Co., The	223	No. 52	Drift	Ocean Mines
181	Second	Consolidation Coal Co., The	224	No. 54	Drift	Haywood
182	Second	Consolidation Coal Co., The	225	No. 55, No. 1—2	Drifts	Meadowbrook
183	Second	Consolidation Coal Co., The	226	No. 58	Drift	Clarksburg
184	Second	Consolidation Coal Co., The	227	No. 60	Drift	Lewis
185	Second	Consolidation Coal Co., The	228	No. 62	Drift	Adamston
186	Second	Consolidation Coal Co., The	229	No. 64	Drift	Interstate
187	Second	Consolidation Coal Co., The	230	No. 65	Drift	Shinnston
188	Second	Consolidation Coal Co., The	231	No. 66	Drift	Shinnston
189	Second	Corona Coal & Coke Co.	232	No. 2	Drift	Clarksburg
190	Second	Corona Coal & Coke Co.	233	Harold	Drift	Clarksburg
191	Second	Fairmont & Balto. C. & C. Co.	234	Fairmore	Drift	Adamston
192	Second	Fayette Coal Co.	235	Fayette	Drift	Dola
193	Second	Francois Coal & Coke Co.	236	Norwood	Drift	Clarksburg

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
R. H. Massey	R. A. Forloine	No. 2 Gas	5— 6	Fan	25	131
H. S. McKalip	C. R. Turner	Eagle	6— 0	Fan	237	132
C. A. Warden	W. B. Judson	Eagle	7— 0	Fan	92	133
H. A. Moseley	W. E. Morton	Sewell	4— 2	Fan	83	134
John Connell	....	Eagle	5— 6	Fan	137	135
John Connell	....	No. 5	6— 0	Fan	......	136
David Evandall	P. B. Evandall	Sewell	5— 0	Fan	130	137
C. A. Brockman	John Dower	Fire Creek	3— 4	Fan	38	138
Jas. L. Osler	Thos. H. Wilding	Sewell	4— 4	Fan	86	139
Jas. L. Osler	Robt. J. Wood	Sewell	4— 3	Fan	86	140
N. S. Blake	Allen Hoffer	Sewell	5— 0	Fan	76	141
W. F. Mandt	Lee Jenkins	No. 2 Gas	4— 6	Fan	133	142
W. F. Mandt	Leal Roach	No. 2 Gas	5— 0	Fan	136	143
W. F. Mandt	W. M. Martin	No. 2 Gas	5— 0	Fan	295	144
W. F. Mandt	R. C. Martin	No. 1 Gas	5— 2	Fan	61	145
W. F. Mandt	R. C. Martin	No. 1 Gas	5— 2	Fan	.....	146
J. E. Beury	W. M. Hammonds	Sewell	6— 0	Fan	153	147
Wm. Farrell	Wm. Pilkington	Sewell	3— 9	Fan	139	148
Thos. D. Thomas	A. J. Bartlett	Sewell	4— 0	Fan	143	149
Wm. Farrell	Owen Fitzpatrick	Sewell	3—10	Fan	95	150
	GILMER COUNTY.					
W. G. Colborn	— — ———	Pittsburgh	7— 0	Furnace	20	151
W. B. Simms	Wade Matheney	Pittsburgh	7— 0	Fan	63	152
Joe Bumpus	Joe Bumpus	Pittsburgh	6— 6	Fan	16	153
	GRANT COUNTY.					
R. D. Waddell	R. D. Waddell	Kittanning	6— 0	Fan	72	154
Robt. Grant	J. H. Davies	Upper Freeport	4— 0	Fan	90	155
J. T. Jordan	J. T. Jordon	Upper Freeport	4— 6	Furnace	12	156
	GREENBRIER COUNTY.					
H. W. Armstrong	H. P. Jones	Sewell	3— 9	Fan	23	157
	HARRISON COUNTY.					
....	Pat Donley	Pittsburgh	7— 6	FireBasket	No Rep	158
U. B. Blakesmith	J. S. Blakesmith	Pittsburgh	8— 0	Natural	11	159
P. P. Gannon	Chas. Eliason	Pittsburgh	8— 0	Fan	51	160
T. H. Graham	....	Red Stone	6— 0	Fan	21	161
F. Howard	D. M. Harr	Pittsburgh	9— 6	Fan	48	162
Jas. J. Sharfeneker	O. P. Kerkendale	Red Stone	7— 0	Fan	39	163
W. H. Hess	L. C. Dent	Pittsburgh	7— 6	Fan	114	164
Lowell Childs	Robt. Donlin	Pittsburgh	6— 6	Fan	28	165
Luke Murray	Thos. Poliock	Pittsburgh	7— 0	Fan	162	166
A. C. Ice	I. L. Martin	Pittsburgh	7— 6	Fan	40	167
Luke Murray	W. P. Jennings	Pittsburgh	7— 6	Fan	69	168
C. H. Higginbotham	J. K. Walter	Pittsburgh	7— 0	Fan	155	169
P. J. McAndrews	M. A. Haley	Pittsburgh	7— 6	Fan	29	170
L. E. Dorsey	Clyde Vanpelt	Pittsburgh	6— 6	Fan	84	171
E. C. Vincent	J. B. Greynolds	Pittsburgh	6— 3	Fan	62	172
H. C. Ash	Oliver Bush	Pittsburgh	7— 6	Fan	123	173
H. S. Toothman	C. L. King	Pittsburgh	6— 6	Fan	65	174
P. B. Robinson	W. McMasters	Pittsburgh	6— 0	Fan	38	175
A. C. Ice	I. L. Martin	Pittsburgh	7— 6	Fan	44	176
H. L. Ice	J. A. Murphy	Pittsburgh	7— 6	Fan	116	177
D. A. Reed	Jas. Ray	Pittsburgh	7— 0	Fan	64	178
J. H. Nuzum	B. F. Freeman	Pittsburgh	7— 6	Fan	115	179
H. C. Marshall	Geo. A. Rutter	Pittsburgh	7— 6	Fan	76	180
Lowell Childs	El. Tucker	Pittsburgh	6— 6	Fan	42	181
Thos. Jarrett	Thos. Jarrett	Pittsburgh	7— 6	Fan	103	182
Luke Murray	M. J. Rooney	Pittsburgh	7— 6	Fan	46	183
E. G. Vincent	J. M. Matheney	Pittsburgh	6— 0	Fan	36	184
D. A. Reed	A. A. Evans	Pittsburgh	7— 6	Fan	30	185
P. B. Robinson	J. L. Thomas	Pittsburgh	8— 0	Fan	65	186
J. H. Nuzum	Geo. R. Cook	Pittsburgh	7— 6	Fan	92	187
W. E. Shuttleworth	W. E. Shuttleworth	Pittsburgh	7— 6	Fan	56	188
D. J. Campfield	Daniel Oldroyd	Pittsburgh	8— 0	Fan	51	189
J. E. Clingan	Thos. Horton	Pittsburgh	8— 0	Fan	83	190
A. Lisle White	Clico Monk	Pittsburgh	6— 0	Furnace	58	191
B. F. Greaves	F. Vincent	Pittsburgh	7— 0	Fan	44	192
Wm. McOlvin	B. H. Monroe	Pittsburgh	7— 6	Fan	33	193

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
194	Third	Harrison Coal Co.	314	Harrison	Drift	Rosemont
195	Second	Harry B. Coal & Coke Co.	237	Pitcairn	Drift	Clarksburg
196	Second	Haywood Coal Mining Co.	238	Monroe	Drift	Shinnston
197	Second	Hero Coal & Coke Co.	239	Hero	Drift	Lumberport
198	Second	Hutchinson Coal Co.	240	Delta	Drift	Reynoldsville
199	Second	Hutchinson Coal Co.	241	Erie Nos. 1 & 2	Drift	Hepzibah
200	Second	Hutchinson Coal Co.	242	Florence	Drift	Hepzibah
201	Second	Hutchinson Coal Co.	243	Girard Nos. 1 & 2	Drift	Dola
202	Second	Hutchinson Coal Co.	244	Hutchinson 1, 2 & 3	Drift	Mt. Clare
203	Second	Hutchinson Coal Co.	245	McCandlish Nos. 1 & 2	Drift	Meadowbrook
204	Second	Hutchinson Coal Co.	246	York	Drift	Reynoldsville
205	Second	Hygrade Coal Co.	247	Page	Drift	McWhorter
206	Second	Johnson-McIntire Coal Co.	248	Gilbert	Drift	Rosebud
207	Second	ambert Run Coal Co.	249	Clauson	Drift	Meadowbrook
208	Second	Madeira-Hill-Clark Coal Co.	250	Goff	Drift	Wilsonburg
209	Second	Madeira-Hill-Clark Coal Co.	251	Randolph	Drift	Wilsonburg
210	Second	Madeira-Hill-Clark Coal Co.	252	Waldo No. 1 & 2	Drift	Wilsonburg
211	Second	Marion Gas Coal Co.	253	Bingamon	Drift	Enterprise
212	Second	Marshall Coal Co.	254	Marshall	Drift	Mt. Clare
213	Second	Monongah Fuel Co., The	255	Gallihue	Drift	Monongah, R. D. No. 8
214	Second	National Coal Co.	256	National	Drift	Dola
215	Second	Orr Coal Mining Co.	257	Miller No. 1	Drift	Wilsonburg
216	Second	Orr Coal Mining Co.	258	Miller No. 2	Drift	Wilsonburg
217	Second	Orr-Shields Coal Co.	259	Phoenix	Drift	Reynoldsville
218	Second	Overholt Coal Co.	260	Overholt	Drift	Hepzibah
219	Second	Righter Coal & Coke Co.	261	Righter	Drift	Lost Creek
220	Second	Rosebud Fuel Co.	262	No. 1	Drift	Rosebud
221	Second	Rosebud Fuel Co.	263	No. 2	Drift	Rosebud
222	Second	Templeton Coal Co.	264	Fowler Nos. 1 & 2	Drift	Mt. Clare
223	Second	Vincent Coal Co.	265	Grasselli	Drift	Clarksburg
224	Second	Va.-Maryland Coal Corp.	266	Willard Nos. 1 & 2	Drift	Shinnston
225	Second	Winchester Coal Co.	267	Winchester	Drift	Enterprise
		KANAWHA COUNTY.				
226	Seventh	Belmont Coal Co.	709	Belmont	Drift	Crown Hill
227	Fifth	Blue Creek Coal & Land Co.	530	Blakely No. 4	Drift	Blakely
228	Fifth	Blue Creek Coal & Land Co.	531	Will's Hollow No. 2	Drift	Blakely
229	Seventh	Cabin Creek Cons. Coal Co.	710	Acme	Drift	Acme
230	Seventh	Cabin Creek Cons. Coal Co.	711	Belleclare	Drift	Decota
231	Seventh	Cabin Creek Cons. Coal Co.	712	Black Tulip	Drift	Acme
232	Seventh	Cabin Creek Cons. Coal Co.	713	Buckeye	Drift	Acme
233	Seventh	Cabin Creek Cons. Coal Co.	714	Caledonia	Drift	Warrior
234	Seventh	Cabin Creek Cons. Coal Co.	715	Cherokee	Drift	Leewood
235	Seventh	Cabin Creek Cons. Coal Co.	716	Davis	Drift	Ohley
236	Seventh	Cabin Creek Cons. Coal Co.	717	Empire	Drift	Acme
237	Seventh	Cabin Creek Cons. Coal Co.	718	Holly	Drift	Leewood
238	Seventh	Cabin Creek Cons. Coal Co.	719	Kayford Nos. 1 & 2	Drift	Kayford
239	Seventh	Cabin Creek Cons. Coal Co.	720	Keystone	Drift	Acme
240	Seventh	Cabin Creek Cons. Coal Co.	721	Quarrier	Drift	Wake Forest
241	Seventh	Cabin Creek Cons. Coal Co.	722	Raccoon No. 1	Drift	Kayford
242	Seventh	Cabin Creek Cons. Coal Co.	723	Raccoon No. 2 East	Drift	Kayford
243	Seventh	Cabin Creek Cons. Coal Co.	724	Raccoon No. 2 West	Drift	Kayford
244	Seventh	Cabin Creek Cons. Coal Co.	725	Red Warrior	Drift	Warrior
245	Seventh	Cabin Creek Cons. Coal Co.	726	Rose	Drift	Kayford
246	Seventh	Cabin Creek Cons. Coal Co.	727	Ruby	Drift	Decota
247	Seventh	Cabin Creek Cons. Coal Co.	728	Shamrock	Drift	Kayford
248	Seventh	Cabin Creek Cons. Coal Co.	729	Thistle	Drift	Kayford
249	Seventh	Cabin Creek Cons. Coal Co.	730	United Gas	Drift	Wevaco
250	Seventh	Cabin Creek Cons. Coal Co.	731	United Splint	Drift	Wevaco
251	Fifth	Campbell's Creek C. Co., The	532	No. 1	Drift	Dana
252	Fifth	Campbell's Creek C. Co., The	533	No. 3	Drift	Dana
253	Fifth	Cannelton Coal & Coke Co.	534	No. 1	Drift	Cannelton
254	Seventh	Carbon Coal Co.	732	Low Sulphur	Drift	Carbon
255	Seventh	Carbon Coal Co.	733	North	Drift	Carbon
256	Seventh	Carbon Coal Co.	734	South	Drift	Carbon
257	Seventh	Carbon Coal Co.	735	Splint	Drift	Carbon
258	Seventh	Chesapeake Mining Co.	736	No. 1	Drift	Handley
259	Seventh	Chesapeake Mining Co.	737	Nos. 2 & 3	Drift	Handley
260	Seventh	Coalburg Colliery Co.	738	Belmont & Ronda	Drift	Ronda
261	Seventh	Coalburg-Kanawha C. Co. The	739	No. "A"	Drift	Coalburg

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
H. G. Smith	H. G. Smith	Pittsburgh	7— 0	Fan	39	194
J. A. Clark, Jr.	Elwood Brown	Pittsburgh	7— 6	Fan	108	195
Geo. A. Wisser	A. Sturm	Pittsburgh	9— 0	Fan	64	196
J. R. Elsess	J. R. Elsess	Pittsburgh	7— 0	Fan	26	197
W. B. Malone	Jas. Cummings	Pittsburgh	6— 0	Fan	49	198
John Dailey	Eli Morris	Pittsburgh	8— 0	Fan	130	199
John Dailey	Eli Morris	Pittsburgh	8— 0	Fan	......	200
A. V. Morgan	C. P. Gandy	Pittsburgh	7— 6	Fan	92	201
C. L. Lutton	O. N. Vanscoy	Pittsburgh	7— 0	Fan	174	202
John Reuter	W. F. Roush	Pittsburgh	8— 0	Fan	183	203
W. B. Malone	W. B. Malone	Pittsburgh	6— 0	Fan	20	204
V. O. Eiserman	V. O. Eiserman	Pittsburgh	7— 6	Fan	26	205
J. S. Clark	O. T. Swiger	Pittsburgh	6— 6	Fan	28	206
Dorsey Pople	E. F. Worcester	Pittsburgh	7— 0	Fan	68	207
C. J. Adams	A. G. Coburn	Pittsburgh	8— 0	Fan	64	208
C. J. Adams	W. S. Davis	Pittsburgh	6— 0	Fan	143	209
C. J. Adams	Levi Keister	Pittsburgh	8— 0	Fan	59	210
E. P. McOlvin	R. A. Brown	Pittsburgh	8— 0	Fan	75	211
J. A. Jenkins	Wm. Gantz	Pittsburgh	8— 0	Fan	120	212
B. G. Ash	B. G. Ash	Pittsburgh	7— 0	Natural	26	213
G. J. Goodwin	W. C. Swiger	Pittsburgh	6— 0	Natural	35	214
H. Connors	R. L. Tincher	Pittsburgh	8— 0	Fan	12	215
H. Connors	R. L. Tincher	Pittsburgh	8— 0	Fan	41	216
Chas. Zerkey	Chas. Zerkey	Pittsburgh	6— 6	Fan	39	217
Geo. H. Austin	Tony Starr	Pittsburgh	8— 0	Fan	21	218
W. H. Sandridge	C. L. Stemple	Pittsburgh	6— 5	Fan	76	219
M. C. Tennant	J. C. Swiger	Pittsburgh	8— 6	Fan	39	220
M. C. Tennant	R. B. Gordon	Pittsburgh	9— 0	Fan	55	221
P. W. Bailey	C. N. Mundell	Pittsburgh	9— 0	Fan	53	222
V. E. Gocke	Grant White	Pittsburgh	8— 0	Furnace	42	223
A. Lisle White	T. J. Westmoreland	Pittsburgh	7— 6	Fan	151	224
J. W. Duckworth	M. D. Satterfield	Pittsburgh	7— 0	Fan	45	225
	KANAWHA COUNTY.					
F. D. Barron	W. L. Harless	Coalburg	5— 6	Fan	99	226
Wm. Crichton, Jr.	W. S. Miller	No. 5	5— 0	Fan	70	227
Wm. Crichton, Jr.	H. E. Rowland	No. 5	5— 0	Fan	50	228
W. A. Ohley	E. H. Olinger	Coalburg	5— 1	Fan	21	229
H. H. Davis	H. O. Young	No. 2 Gas	4— 5	Fan	42	230
W. A. Ohley	John Eads	No. 2 Gas	5— 3	Fan	58	231
W. A. Ohley	F. W. Short	No. 2 Gas	5— 1	Fan	48	232
J. E. Griffith	R. L. Caviness	No. 2 Gas	4— 2	Fan	11	233
J. E. Griffith	Geo. Eary	No. 2 Gas	4—10	Fan	46	234
D. W. Parker	D. W. Parker	Lewiston	4—10	Fan	53	235
W. A. Ohley	A. Smoot	No. 2 Gas	4— 4	Fan	39	236
J. E. Griffith	Jerry Utt	No. 2 Gas	4— 9	Fan	48	237
H. L. Fisher	I. W. Hurt	No. 2 Gas	5— 7	Fan	99	238
W. A. Otey	Chap. Cash	No. 2 Gas	4— 9	Fan	7	239
J. E. Griffith	H. E. Daniels	No. 2 Gas	4—10	Fan	52	240
H. L. Fisher	J. A. Cole	No. 2 Gas	5— 4	Fan	50	241
H. L. Fisher	E. A. Carr	No. 2 Gas	6— 1	Fan	52	242
H. L. Fisher	C. S. White	No. 2 Gas	6— 2	Fan	49	243
J. E. Griffith	R. L. Caviness	No. 2 Gas	4— 4	Fan	......	244
H. L. Fisher	J. A. Bragg	No. 2 Gas	5— 9	Fan	44	245
H. H. Davis	A. B. Lee	No. 2 Gas	4—11	Fan	43	246
H. L. Fisher	J. A. Richards	No. 2 Gas	5— 4	Fan	68	247
H. L. Fisher	P. L. Rose	No. 2 Gas	5— 4	Fan	45	248
J. E. Staton	J. E. Le Sueur	No. 2 Gas	4— 9	Fan	58	249
J. E. Staton	J. E. Staton	No. 2 Gas	5— 8	Fan	49	250
W. V. Rensford	Andrew Calderwood	No. 5	5— 0	Fan	264	251
W. V. Rensford	Andrew Calderwood	No. 5	4— 6	Fan	81	252
Henry Deem	Thos. Cunningham	No. 2 Gas	6— 6	Fan	378	253
R. B. Payne	A. T. Gearhart	Eagle	4— 6	Fan	30	254
R. B. Payne	A. T. Gearhart	No. 2 Gas	5— 6	Fan	18	255
R. B. Payne	R. E. Thompson	No. 2 Gas	5 — 6	Fan	49	256
R. B. Payne	Chas. Stennett	Coalburg	5— 6	Fan	100	257
J. E. Shafer	Geo. W. Walker	Kanawha Coalburg	7— 0 6— 6	Fan	94	258
J. E. Shafer	J. E. Shafer	No. 2 Gas	3— 8	Fan	41	259
S. W. Smith	G. E. Smith	Coalburg	5—10	Fan	144	260
J. A. Willis	G. C. Bailey	Coalburg	6— 0	Fan	31	261

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
262	Seventh	Coalburg-Kanawha C. Co. The	740	No. "B"	Drift	Coalburg
263	Seventh	Dry Branch Coal Co., The	741	Belmont & Coalburg	Drift	Dry Branch
264	Seventh	East Bank Mining Co.	742	East Bank	Drift	East Bank
265	Seventh	Eureka Coal Co., The	743	Nos. 1, 3 & 4	Drift	Donwood
266	Seventh	Graham, W. W.	535	Graham	Drift	Big Chimney
267	Seventh	Hackett Coal Co.	536	No. 1	Drift	Cedar Grove
268	Seventh	Hughes Creek Coal Co.	537	Nos. 2 & 4	Drift	Hugheston
269	Seventh	Imperial Colliery Co.	744	No. 1	Drift	Burnwell
270	Seventh	Imperial Colliery Co.	745	No. 3	Drift	Burnwell
271	Fifth	Kelly's Creek Colliery Co.	538	No. 1	Drift	Ward
272	Fifth	Kelly's Creek Colliery Co.	539	No. 3	Drift	Ward
273	Seventh	Lewis Coal & Coke Co.	746	Lewis	Drift	Chelyan
274	Seventh	Marmet Coal Co., The	747	Black Band	Drift	Marmet
275	Seventh	Marmet Coal Co., The	748	New Butler	Drift	Marmet
276	Fifth	Marmet Coal Co., The	540	Monarch	Drift	Monarch
277	Fifth	Mill Creek Cannel Mng. Co.	541	Villa	Drift	Villa
278	Seventh	Montgomery Coal Co.	749	No. 1	Drift	Montgomery
279	Seventh	Montgomery Coal Co.	750	No. 2	Drift	Montgomery
280	Fifth	Morris Fork Coal Co.	542	Turner No. 2	Drift	Heatherman
281	Seventh	Nat'l Bituminous C. & C. Co.	751	No. 2 Gas	Drift	Eskdale
282	Seventh	Nat'l Bituminous C. & C. Co.	752	No. 5 Splint	Drift	Eskdale
283	Seventh	Nat'l Bituminous C. & C. Co.	753	Coalburg No. 8	Drift	Crown Hill
284	Sixth	Olcott Coal & Iron Co.	609	No. 1	Drift	Olcott
285	Sixth	Olcott Coal & Iron Co.	610	No. 2	Drift	Olcott
286	Seventh	Paint Creek Colls Co.	754	Banner	Drift	Mucklow
287	Seventh	Paint Creek Colls. Co.	755	Grose Nos. 1 & 2	Drift	Tomsburg
288	Sixth	Paint Creek Colls. Co.	611	Knickerbocker	Drift	Dungriff
289	Seventh	Paint Creek Colls. Co.	756	Paint Creek	Drift	Mucklow
290	Seventh	Paint Creek Colls. Co.	757	Scranton	Drift	Mucklow
291	Seventh	Paint Creek Colls. Co.	758	Wacomah	Drift	Mucklow
292	Seventh	Paint Creek Colls. Co.	759	Reynolds	Drift	Mucklow
293	Fifth	Pen Mar Mining Co.	543	Pen-Mar	Drift	Big Chimney
294	Fifth	Queen Shoals Coal Co.	544	Queen Shoals	Drift	Queen Shoals
295	Fifth	Quincy Coal Co.	545	Nos. 1 & 2	Drift	Quincy
296	Seventh	Republic Coal Co.	760	No. 1	Drift	Carbon
297	Seventh	Republic Coal Co.	761	No. 2	Drift	Carbon
298	Seventh	Republic Coal Co.	762	No. 3	Drift	Carbon
299	Seventh	Republic Coal Co.	763	No. 5	Drift	Carbon
300	Seventh	Southwestern Splint Fuel Co.	764	Black Cat	Drift	Crown Hill
301	Fifth	Standard-Kan. Coal Mng. Co.	546	Coalridge No. 1	Drift	Quick
302	Fifth	Standard-Kan. Coal Mng. Co.	547	Acme No. 2	Drift	Quick
303	Seventh	Standard Splint & Gas C. Co.	765	Standard	Drift	Standard
304	Fifth	Sunday Creek Co.	548	No. 101	Drift	Shrewsbury
305	Fifth	Sunday Creek Co.	549	No. 104	Drift	Cedar Grove
306	Fifth	Sunday Creek Co.	550	No. 105	Drift	Mammoth
307	Fifth	Sunday Creek Co.	551	No. 108	Drift	Mammoth
308	Fifth	Virginia Coal Co.	552	Nos. 1 & 2	D. & Sl.	Coal Fork
309	Seventh	Wake Forest Mining Co.	766	Wake Forest	Drift	Wake Forest
310	Seventh	West Virginia Colliery Co.	767	No. 1 Gas	Drift	Wevaco
311	Seventh	West Virginia Colliery Co.	768	No. 3	Drift	Wevaco
312	Seventh	West Virginia Colliery Co.	769	No. 4	Drift	Wevaco
313	Seventh	Winifrede Coal Co.	770	North	Drift	Winifrede
314	Seventh	Winifrede Coal Co.	771	South	Drift	Winifrede
315	Seventh	Winifrede Coal Co.	772	West	Drift	Winifrede
316	Seventh	Wyatt Coal Co.	773	Berlin	Drift	Laing
317	Seventh	Wyatt Coal Co.	774	Horton	Drift	Sharon
318	Seventh	Wyatt Coal Co.	775	Oakley	Drift	Giles
		LEWIS COUNTY.				
319	Second	Kroger Gas Coal Co.	268	Polar	Drift	McWhorter
		LINCOLN COUNTY.				
320	Sixth	Branchland Coal Co.	612	Branchland	Drift	Branchfiield
321	Sixth	Guyan River Coal Co.	613	Guyan River	Drift	Hubball
		LOGAN COUNTY.				
322	Sixth	Amherst Coal	614	Nos. 1 & 2	Drift	Amherstdale
323	Sixth	Aracoma Coal Co.	615	Nos. 1 & 2	Drift	Logan
324	Sixth	Argyle Coal Co.	616	Argyle	Drift	Yolyn

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
J. A. Willis	E. C. Bailey	Belmont	3— 8	Fan	56	262
C. F. Slack	[illegible] H. Bayles	Coalburg	5— 8	Fan	107	263
A. M. Howery	Edward Clark	Cedar Grove	2—10	Fan	18	264
J. R. Frazer	Chas. Frazer	No. 2 Gas	8— 0	Fan	69	265
		No. 5	4—10	Fan	12	266
Samuel Hackett	James Martin	No. 5	5— 6	Natural	20	267
W. H. Morris	W. H. Thompson	Coalburg	5— 6	Fan	157	268
F. H. Morton	L. R. Howell	Eagle	6— 0	Fan	95	269
F. H. Morton	M. D. Bouldin	Eagle	5— 6	Fan	90	270
Chas. C. Gressang	H. E. Vaughan	Coalburg	5— 6	Fan	142	271
Chas. C. Gressang	J. T. Shearer	Coalburg	5 — 6	Fan	225	272
W. M. Rollins	A. D. Hemmings	Lewiston	4 — 4	Fan	73	273
Thomas Oliver	Robt. Taylor	Black Band	5—10	Fan	70	274
Thomas Oliver	John Porter	No. 2 Gas	4— 6	Fan	45	275
Thomas Oliver	Fred Young	Cedar Grove	3— 6	Fan	63	276
J. F. Hindson	J. F. Hindson	Cannel	[illegible]	Fan	25	277
S. P. Johnson	S. P. Johnson	Kanawha	5— 0	Fan	61	278
S. P. Johnson	S. P. Johnson	No. 2 Gas	5 — 6	Fan	31	279
J. L. Mandt	F. W. Mandt	No. 5	3—10	Fan	41	280
J. A. Greene	H. J. Willis	No. 2 Gas	4— 6	Fan	74	281
J. A. Greene	J. J. Cox	No. 5	5— 0	Fan	50	282
E. L. Brewer	E. L. Brewer	Coalburg	5— 0	Fan	73	283
H. S. Lingle	Walter Dale	Black Band	2—10	Fan	66	284
H. S. Lingle	C. E. Griffith	Black Band	4— 0	Fan	30	285
G. H. Howald	Claude Starr	Coalburg	6— 0	Fan	48	286
J. F. Hale	Van Johnson	Powellton & Eagle	5 — 6	Fan	84	287
E. D. Griffith	Lee Patrick	Black Band	3 — 3	Furnace	52	288
H. G. Howald	Jack Bryan	Coalburg	7— 6	Fan	162	289
H. G. Howald	John Filbin	Coalburg	5— 0	Fan	122	290
H. G. Howald	W. W. Bradley	Coalburg	5— 0	Fan	51	291
E. D. Griffith	Geo. W. Workman	Black Band	3—10	Fan	125	292
Jacob Householder	S. T. Hoe	No. 5	4— 6	Fan	10	293
W. R. Morris	D. W. Wright	No. 5	4— 0	Furnace	12	294
		Lewiston	3— 6			
H. H. Fletcher	Jas. Hemmings	Kanawha	5 — 6	Fan	67	295
C. A. Pearse	A. F. Gearheart	No. 2 Gas	5— 6	Fan	35	296
C. A. Pearse	Geo. Hoge	No. 2 Gas	5— 0	Fan	39	297
C. A. Pearse	P. L. Bierne	No. 2 Gas	5— 0	Fan	51	298
C. A. Pearse	J. N. Burgraf	Coalburg	5— 0	Fan	39	299
S. B. Brydon	Joe Vandal	Coalburg	5— 6	Fan	40	300
A. L. Black	N. E. Davis	No. 5 Splint	4— 8	Fan	46	301
A. L. Black	J. M. Ross	No. 5 Splint	5— 2	Fan	32	302
G. G. Wood	Ed Foster	Coalburg	7— 6	Fan	100	303
E. L. Michie	T. J. Kennedy	No. 5	6— 0	Fan	44	304
E. L. Michie	J. W. Frazier	Coalburg	4 — 0	Fan	65	305
E. L. Michie	W. F. Cobb	Coalburg	5— 6	Fan	126	306
E. L. Michie	N. A. McKenzie	Coalburg	5— 0	Fan	34	307
John C. Gilmour, Jr.	John Cottrell	Kanawha Splint	3— 6	Fan	61	308
J. C. Grymes	John Gay	No. 2 Gas	7 — 0	Fan	84	309
K. D. Quarrier	C. R Larabee	No. 2 Gas	6— 0	Fan	77	310
K. D. Quarrier	Chas. Petty	Coalburg	7— 0	Fan	93	311
K. D. Quarrier	W. Stewart	No. 2 Gas	5— 6	Fan	80	312
F. D. Barron	Harry Patton	Winifrede	4—10	Fan	90	313
F. D. Barron	Geo. Symon	Winifrede	5— 4	Fan	98	314
F. D. Barron	C. A. McKee	Winifrede	4— 2	Fan	139	315
A. W. Laing	Wesley Wash	No. 2 Gas	5— 8	Fan	80	316
A. W. Laing	Ed. Glover	Coalburg	4— 0	Fan	64	317
A. W. Laing	Wm. Warren	Lewiston	4— 0	Fan	41	318
	LEWIS COUNTY.					
C. F. Limer	C. F. Limer	Red Stone	6— 0	Fan	40	319
	LINCOLN COUNTY.					
V. A. Johnson		Stockton	7— 0	Fan	40	320
Valey Johnson	Valey Johnson	No. 5 Block	4—10	Furnace	17	321
	LOGAN COUNTY.					
J. N. Schweitzer	C. C Fultz	Thacker	7— 0	Fan	77	322
F. E. King	M. McParland	Island Creek	6— 0	[illegible]	137	323
W. T. Harvey	T. E. Maroney	Thacker	6 — 8	Fan	22	324

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
325	Sixth	Avon Coal Co., The	617	Nos. 1, 2 & 3	Drift	Accoville
326	Sixth	Black Hawk Colliery Co	618	Black Hawk	Drift	Big Creek
327	Sixth	Buffalo-Eagle Colliery Co	619	Buffalo, Eagle	Drift	Accoville
328	Sixth	Coal River C. & C. Co., The	620	Dobra	Drift	Dobra
329	Sixth	Cora Coal & Coke Co., The	621	Cora	Drift	Cora
330	Sixth	Coal Valley Mining Co., The.	622	Sylvia	Drift	Clothier
331	Sixth	Crown Coal & Coke Co., The	623	Crown	Drift	Crown
332	Sixth	Cub Fork Coal Co	624	Cub Fork	Drift	Yolyn
333	Sixth	Draper Coal & Coke Co	625	Draper	Drift	Logan
334	Sixth	Eagle Island Coal Co	626	Eagle Island	Drift	Kistler
335	Sixth	Ethel Coal Co., The	627	Nos. 1, 1½ & 2	Drift	Ethel
336	Sixth	Fort Branch Coal Corporation	628	Fort Branch	Drift	Fort Branch
337	Sixth	Frieze Fork C. Min. Co., The	629	Frieze Fork	Drift	Ethel
338	Sixth	Gay Coal & Coke Co., The	630	Gay	Drift	Logan
339	Sixth	George's Creek Coal Co., Inc.	631	George's Creek	Drift	Ethel
340	Sixth	Guyandotte Coal Co	632	Kitchen	Drift	Kitchen
341	Sixth	Huddleston Coal & Coke Co	633	Huddleston	Drift	Accoville
342	Sixth	Johnson, E. R., Coal Min. Co	634	No. 1	Drift	Hughey
343	Sixth	Kohinoor Coal & Coke Co	635	Kohinoor	Drift	Craneco
344	Sixth	Logan Coal Co., The	636	Logan	Drift	Ethel
345	Sixth	Logan Mining Co	637	Earling	Drift	Logan
346	Sixth	Logan Mining Co	638	Manitoba	Drift	Logan
347	Sixth	Logan Mining Co	639	Mona	Slope	Logan
348	Sixth	Logan Mining Co	640	Wanda	Drift	Logan
349	Sixth	Long Flame Coal Co	641	Long Flame	Drift	Stow
350	Sixth	Main Island Creek Coal Co	642	No. 4	Drift	Chauncey
351	Sixth	Manbar Coal Co	643	Manbar	Drift	Manbar
352	Sixth	McGregor Coal Co	644	McGregor	Drift	Slagle
353	Sixth	Mifflin Coal Co.	645	Nos. 1 & 2	Drift	Clothier
354	Sixth	Monitor Coal & Coke Co	646	Monitor 1 & 3,Bchwd.	Drift	Logan
355	Sixth	Opperman Coal Co., The	647	Opperman	Drift	Blair
356	Sixth	Paragon Colliery Co	648	Paragon No. 2	Drift	Yolyn
357	Sixth	Rex Coal & Coke Co	649	Rex	Drift	Ethel
358	Sixth	Rich Creek Coal Co	650	Wilburn	Drift	Manbar
359	Sixth	Shamrock Coal Co.	651	Litz	Drift	Logan
360	Sixth	Sovereign Coal Co	652	Sovereign	Drift	Sovereign
361	Sixth	Spruce Bend Coal Co	653	Sharples Nos. 1 & 2	Drift	Sharples
362	Sixth	Spruce Valley Coal Co	654	Spruce Valley	Drift	Blair
363	Sixth	Stone Branch Coal Co	655	Stone Branch	Drift	Stone Branch
364	Sixth	Summers, H. B., Coal Co	656	Summers	Drift	Crown
365	Sixth	Sunbeam Coal Co.	657	Sunbeam	Drift	Fort Branch
366	Sixth	Thomas, D. C., Coal Co	658	Grace	Drift	Blair
367	Sixth	U. S. Coal & Oil Co	659	No. 1	Drift	Holden
368	Sixth	U. S. Coal & Oil Co	660	No. 2	Drift	Holden
369	Sixth	U. S. Coal & Oil Co	661	No. 3	Drift	Holden
370	Sixth	U. S. Coal & Oil Co	662	No. 4	Drift	Holden
371	Sixth	U. S. Coal & Oil Co	663	Nos. 5 & 6	Drift	Holden
372	Sixth	U. S. Coal & Oil Co	664	No. 7	Slope	Holden
373	Sixth	U. S. Coal & Oil Co	665	No. 8	Drift	Holden
374	Sixth	U. S. Coal & Oil Co	666	Nos. 9 & 10	Drift	Holden
375	Sixth	Virginia-Buffalo Coal Co	667	Virginia Buffalo	Drift	Amherstdale
376	Sixth	Wilson, H. T., Coal Co	668	Wilson	Drift	Logan
377	Sixth	Yuma Coal & Coke Co., The	669	Yuma	Drift	Logan
		MARION COUNTY.				
378	First	Catawba Coal Co.	106	Catawba	Drift	Catawba
379	First	Connellsville Coal & Coke Co.	107	Elizabeth	Drift	Montana Mines
380	First	Consolidation Coal Co., The	108	No. 22	Drift	Monongah
381	First	Consolidation Coal Co., The	109	No. 24	Drift	Montana Mines
382	First	Consolidation Coal Co., The	110	No. 26	Drift	Fairmont
383	First	Consolidation Coal Co., The	111	No. 28	Drift	Chiefton
384	First	Consolidation Coal Co., The	112	No. 36	Drift	Middleton
385	First	Consolidation Coal Co., The	113	No. 38	Shaft	Fairmont
386	First	Consolidation Coal Co., The	114	No. 43	Slope	Monongah
387	First	Consolidation Coal Co., The	115	No. 47	Drift	Scottdale
388	First	Consolidation Coal Co., The	116	No. 45	Drift	Middleton
389	First	Consolidation Coal Co., The	117	No. 53	Drift	Monongah
390	First	Consolidation Coal Co., The	118	No. 56	Drift	Watson
391	First	Consolidation Coal Co., The	119	No. 59	Drift	Middleton

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside - ployees	No.
S. E. Scholl	Lester E. Scholl	Eagle & I. Creek	6— 6	Fan	113	325
		Eagle & I. Creek	4— 6			
J. L. Dawson	W. E. Messinger	No. 2 Gas	5— 0	Furnace	17	326
	E. E. Jones	Eagle	5— 5	Fan	19	327
B. J. Hiner	G. W. Lax	No. 2 Gas	5— 0	Fan	50	328
C. W. Jones	E. E. Russell	Winifrede	6— 0	Fan	98	329
Fred Vermillion	Chas. Lax	No. 2 Gas	4—10	Fan	45	330
John Lax	P. M. Lax	No. 2 Gas	4— 8	Fan	38	331
E. C. James	F. L. Ramey	Winifrede	7— 0	Furnace	33	332
John Pullen	John Pullen	Powellton	4— 6	Fan	52	333
	Edwin Jones	Island Creek	4— 2	Fan	31	334
L. Epperly	W. H. Baker	Winifrede	5— 2	Fan	133	335
James Somers	Robt. Gee	Winifrede	5— 0	Fan	52	336
A. Shimmin	A. Shimmin	Winifrede	4— 0	Fan	26	337
H. S. Gay, Jr.	Fred Kellerman	Island Creek	5— 9	Fan	87	338
Robt. Gunning	Jesse Perry	Winifrede	6— 3	Fan	30	339
J. A. Brodus	J. W. Cuthbertson	Island Creek	4— 0	Fan	38	340
W. L. Robinson	Wm. White	Eagle	4— 6	Fan	35	341
J. P. Small	H. C. Roskey	Draper	5— 0	Fan	28	342
W. Beddow	H. Poirier	No. 2 Gas	6— 6	Fan	78	343
C. S. Solyers	D. C. Evans	Winifrede	4— 8	Fan	54	344
B. Lee Hutchinson	G. E. Sanford	Eagle	5—10	Fan	78	345
B. F. Flynn	O. I. Jenkins	Winifrede	5— 4	Fan	69	346
H. E. Snider	Grady Whitmon	Island Creek	7— 0	Fan	30	347
B. F. Flynn	C. D. Hylton	Winifrede	5— 0	Fan	59	348
W. E. Pritchard	T. C. Dooley	Island Creek	7— 6	Fan	40	349
A. J. Dalton		Island Creek	6— 0	Fan	32	350
J. S. Riley	Tom Stead	Eagle	5— 0	Fan	29	351
G. L. Bailey	Wm. Nisbet	Winifrede	6— 0	Fan	50	352
Martin Long	Wm. Nicholas	No. 2 Gas	6— 0	Fan	65	353
Thos. F. Downing	H. Barrett	Island Creek	6— 0	Fan	276	354
	W. B. Parks	No. 2 Gas	7— 0	Fan	71	355
E. C. James	J. A. McCallister	Winifrede	5— 6	Fan	61	356
	W. M. Guy	Winifrede	5— 0	Fan	64	357
B. L. Hutchinson	M. Albertozzi	Eagle	5— 3	Fan	26	358
J. B. Agee	W. T. Spicer	Island Creek	6— 2	Fan	62	359
J. C. Finnimore	C. H. Vergin	Island Creek	8— 0	Fan	32	360
Samuel Butler	C. E. Coleman	No. 2 Gas	5— 0	Fan	80	361
John Wills	W. H. Neace	No. 2 Gas	7— 0	Fan	57	362
	Walter Cuthbertson	Stone Branch	4— 6	Fan	81	363
H. B. Summers	Jas. Carmichael	Eagle	7— 0	Fan	26	364
F. E. King	Samuel Roebuck	Winifrede	4— 6	Fan	38	365
	R. G. Claytor	No. 2 Gas	6— 6	Fan	41	366
J. W. Snyder	H. Prichard	No. 2 Gas	6— 6	Fan	268	367
J. W. Snyder	Dave Glazier	No. 2 Gas	6— 6	Fan	225	368
E. L. Brewer	Jas. Haslam	No. 2 Gas	6— 6	Fan	105	369
E. L. Brewer	A. L. Davidson	No. 2 Gas	6— 6	Fan	135	370
None	A. T. Woods	No. 2 Gas	6— 6	Fan	92	371
W. S. Parsons	James Chambers	No. 2 Gas	6— 6	Fan	182	372
W. S. Parsons	I. H. Curry	No. 2 Gas	6— 6	Fan	163	373
None	Geo. Thompson	Draper	4— 0	Fan	66	374
		No. 2 Gas	6— 6			
J. N. Schweitzer	R. O. Waldron	Eagle	5— 6	Fan	30	375
Thos. Wilson	A. F. Mitchell	Eagle	4— 6	Fan	75	376
Thos. F. Downing	W. L. Stephens	No. 2 Gas	6— 6	Fan	96	377
	MARION COUNTY.					
W. G. Swisher	W. G. Swisher	Pittsburgh	7— 0	Natural	16	378
Clarence Malone	G. T. Rodeheaver	Pittsburgh	7— 6	Natural	20	379
G. E. Peddicord	Charles Strickler	Pittsburgh	7— 0	Fan	177	380
Thomas Smith	Walter Rowe	Pittsburgh	6— 6	Fan	126	381
John C. Riggins	W. J. Davis	Pittsburgh	7— 0	Fan	194	382
Rush Miller	F. E. Girod	Pittsburgh	8— 0	Fan	73	383
Rush Miller	J. O. Davis	Pittsburgh	7— 6	Fan	110	384
J. J. Brennen	Geo. Radtka	Pittsburgh	7— 6	Fan	158	385
G. E. Peddicord	Walter Brown	Pittsburgh	7— 6	Fan	230	386
J. A. Cook	C. E. Swisher	Pittsburgh	7— 6	Natural	57	387
Rush Miller	L. E. Henderson	Pittsburgh	7— 0	Fan	101	388
G. E. Peddicord	Chas. Strickler	Pittsburgh	7— 6	Fan	114	389
Harry B. Crane	Frank Brooks	Pittsburgh	7— 3	Fan	167	390
Rush Miller	J. O. Davis	Pittsburgh	7— 0	Fan	23	391

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
392	First	Consolidation Coal Co., The..	120	No. 63	Drift	Monongah ....
393	First	Consolidation Coal Co., The..	121	No. 67	Drift	Hutchinson ...
394	First	Consolidation Coal Co., The..	122	No. 68	Drift	Everson ......
395	First	Consolidation Coal Co., The..	123	No. 84	Slope	Hutchinson ...
396	First	[illegible]ta Coal & Coke Co......	124	No. 2	Shaft	Fairmont .....
397	First	Fairmont & Cleveland C. Co.	125	Parker Run	Drift	Rivesville ....
398	First	Federal Coal & Coke Co.....	126	Federal	Shaft	Grant Town ..
399	First	Four States Coal & Coke Co..	127	Annabelle	Shaft	Worthington...
400	First	Harry B. Coal Co..........	128	Harry B. & Junior....	Drift	Monongah ....
401	First	Jamison Coal & Coke Co....	129	No. 7	Shaft	Fairmont ....
402	First	Jamison Coal & Coke Co....	130	No. 8	Shaft	Farmington ...
403	First	Jamison Coal & Coke Co....	131	No. 9	Shaft	Farmington ...
404	First	Kilarm Coal & Coke Co......	132	Nos. 2 & 3..........	Drift	Monongah ....
405	First	Manley & Zeck	133	Manley & Zeck	Drift	Monongah ....
406	First	McCoy Coal Co............	134	McCoy	Drift	Fairmont ....
407	First	New Central Coal Co.........	135	Stafford	Shaft	Baxter ....
408	First	Phillips' Coal Co.	136	Phillips	Drift	Fairmont ....
409	First	Robinson Coal Co.	137	James	Drift	Fairmont ....
410	First	Va. & Pittsb'g C. & C. Co., The	138	Kingmont	Drift	Fairmont ....
411	First	Va. & Pittsb'g C. & C. Co., The	139	Morgan	Drift	Fairmont ....
		MARSHALL COUNTY.				
412	First	Ben Franklin Coal Co.......	140	Panama	Shaft	Moundsville ..
413	First	Glendale Coal Co.	141	Glendale	Shaft	Glendale .....
414	First	Hitchman Coal & Coke Co....	142	Hitchman	Slope	Benwood .....
415	First	Kunz Bros. & Miller	143	Bogg's Run	Drift	Wheeling ....
416	First	Mound Coal Co.	144	Mound	Shaft	Moundsville ..
417	First	Parr's Run Coal Co	145	Parr's Run	Shaft	Moundsville ..
418	First	Wheeling Steel & Iron Co....	146	Benwood	Drift	Wheeling ....
		MASON COUNTY.				
419	Fifth	Hutchinson Coal Co.........	553	Linden	Drift	Mason ......
420	Fifth	Jackson Coal & Mining Co....	554	Jackson	Drift	Hartford ....
421	Fifth	J. M. & D. E. Newton Co....	555	Hartford	Drift	Hartford ....
		McDOWELL COUNTY.				
422	Tenth	Algoma Coal & Coke Co.....	1001	Piney & Stone Bank..	Drift	Algoma ......
423	Tenth	Arlington Coal & Coke Co....	1002	Arlington	[illegible]	McDowell ....
424	Tenth	Ashland Coal & Coke Co....	1003	Ashland & Monitor....	Drift	Ashland ......
425	Eleventh ..	Black Wolf Coal & Coke Co..	1101	Black Wolf	Drift	Dearing ......
426	Eleventh ..	Bottom Creek Coal & Coke Co.	1102	No. 1	Drift	Vivian ....
427	Eleventh ..	Bottom Creek Coal & Coke Co.	1103	No. 2	Drift	Vivian ....
428	Twelfth ...	Buchanan Coal Co.	1201	Buchanan	Drift	Yukon ....
429	Twelfth ...	Carter Coal Co.	1202	Nos. 1 East & West..	Drift	Coalwood ....
430	Twelfth ...	Carter Coal Co.	1203	No. 2 East & West..	Drift	Coalwood ....
431	Twelfth ...	Carter Coal Co.	1204	Caretta	Slope	Coalwood ....
432	Twelfth ...	Carter Coal Co.	1205	Six	Drift	Six ....
433	Twelfth ...	Carter Coal Co.	1206	Nora & No. 8.........	Drift	Coalwood ....
434	Eleventh ..	Central Pocahontas Coal Co.	1104	Nos. 1 & 2..........	Drift	Anawalt .....
435	Twelfth ...	Central West Poca. C. Co, The	1207	Central West	Drift	Lex ....
436	Eleventh ..	Cirrus Coal & Coke Co.	1105	No. 2	Slope	Big Four ....
437	Twelfth ...	Columbus Pocahontas C. Co..	1208	Columbus	Drift	Iæger ....
438	Eleventh ..	Crozer Coal & Coke Co......	1106	Nos. 1 & 2..........	Drift	Elkhorn .....
439	Twelfth ...	Davy-Pocahontas Coal Co....	1209	No. 1	Drift	Roderfield ....
440	Twelfth ...	Davy-Pocahontas Coal Co....	1210	No. 2	Drift	Roderfield ....
441	Twelfth ...	Dry Fork Colliery Co........	1211	Dry Fork	Slope	Yukon ....
442	Tenth	Elkhorn Coal & Coke Co.....	1004	Elkhorn	[illegible]	Mayberry ....
443	Tenth	Elk Ridge Coal & Coke Co....	1005	Elk Ridge	Drift	North Fork ...
444	Eleventh ..	Empire Coal & Coke Co, The	1107	Empire	Drift	Landgraff ....
445	Eleventh ..	Eureka Coal & Coke Co......	1108	Eureka	Drift	Eckman ......
446	Twelfth ...	Excelsior-Poca. Coal Co.....	1212	Excelsior 138	Drift	Excelsior .....
447	Twelfth ...	Flanagan Coal Co.	1213	No. 1	Drift	Roderfield ....
448	Twelfth ...	Flanagan Coal Co.	1214	No. 2	Drift	Roderfield ....
449	Twelfth ...	Flat Top Coal Mining Co....	1215	Thomas	Slope	English ......
450	Tenth	Fortune Hunter Coal Co.....	1006	Fortune Hunter	Drift	North Fork ..
451	Tenth	Gilliam Coal & Coke Co	1007	Gilliam	Drift	Gilliam ......
452	Tenth	Greenbrier Coal & Coke Co..	1008	Greenbrier	Drift	McDowell ....
453	Eleventh ..	Hemphill Colliery Co.	1109	Henrietta	Drift	Welch ....
454	Twelfth ...	Henrietta-Poca. Coal Co.....	1216	Hemphill	Drift	Bartley ......
455	Eleventh ..	Houston Coal & Coke Co.....	1110	Nos. 1 & 2..........	Drift	Eckhorn .....
456	Eleventh ..	Houston Collieries Co.......	1111	Carswell Nos. 1 & 2..	Shaft	Kimball ......

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
G. E. Peddicord	S. S. Davidson	Pittsburgh	7— 0	Fan	234	392
K. D. Bailey	Geo. R. Cook	Pittsburgh	7— 0	Fan	53	393
Rush Miller	E. G. Griffith	Pittsburgh	7— 3	Fan	90	394
K. D. Bailey	P. C. Vernon	Pittsburgh	6— 9	Fan	72	395
E. B. Rowe	W. H. Myers	Pittsburgh	7— 4	Fan	76	396
C. E. Gaskell	Hayse Gaskill	Sewickly	7— 0	Fan	79	397
J. W. Devison	J. M. McKenna	Pittsburgh	8— 0	Fan	460	398
W. J. Wolf	F. E. Williams	Pittsburgh	8— 6	Fan	535	399
J. A. Clark, Jr.	Henry Sanders	Pittsburgh	7— 0	Fan	62	400
O. E. Hughes	Sam Hale	Pittsburgh	9— 0	Fan	417	401
L. W. Cooper	M. E. Quenon	Pittsburgh	8— 6	Fan	401	402
P. D. Costello	Mike O'Brien	Pittsburgh	8— 6	Fan	294	403
C. E. Zeek	L. F. Rickard	Pittsburgh	7— 0	Fan & Fur.	23	404
F. O. Manley	H. Sanders	Pittsburgh	7— 0	Furnace	7	405
....	....	Pittsburgh	8— 0	Natural	2	406
Duncan Sinclair	Thomas Gleason	Pittsburgh	8— 6	Fan	136	407
James Phillips	Russell Wilt	Pittsburgh	8— 0	Fan	16	408
Peat Harker	Peat Harker	Pittsburgh	7— 0	Furnace	12	409
R. M. Hite	Wm. Jarrett	Pittsburgh	9— 0	Fan	228	410
M. C. Hite	Charles Larew	Pittsburgh	9— 0	Fan	90	411
	MARSHALL COUNTY.					
—— —— — ———	C. E. McCabe	Pittsburgh	5— 8	Fan	117	412
E. C. Pickett	W. F. Ash	Pittsburgh	5— 8	Fan	158	413
E. C. Pickett	M. Freeman	Pittsburgh	5— 8	Fan	276	414
Philip Kunz	Eugene Miller	Pittsburgh	5— 6	Fan	13	415
Joseph Virgin	G. K. Waddell	Pittsburgh	5— 4	Fan	124	416
A. C. Hunt	J. W. Meredith	Pittsburgh	6— 0	Fan	75	417
Chalkey Dawson	R. E. Roush	Pittsburgh	5— 6	Fan	132	418
	MASON COUNTY.					
J. Phillips	Robt. Knight	Pittsburgh	4—10	Fan	126	419
Earl Ewing	Lewis Larue	Pittsburgh	5— 0	Fan	84	420
W. H. Newton	John Ray	Pittsburgh	5— 0	Fan	16	421
	McDOWELL COUNTY.					
J. J. Huddleston	J. F. Logan	Poca. No. 3	5— 6	Fan	200	422
—— —— ———	W. M. Norris	Poca. No. 3	5— 0	Fan	126	423
Thos. J. O'Neil	H. H. Honaker	Poca. No. 3	4— 9	Fan	147	424
S. G. Brally	H. Fitzgibbon	Poca. No. 4	6— 0	Fan	82	425
G. S. Patterson	John Maurice	Poca. No. 3	5— 9	Fan	184	426
G. S. Patterson	C. W. Dillard	Poca. No. 3	6— 0	Fan	121	427
J. L. Charles	M. A. Hurley	War Creek	4— 0	Fan	27	428
....	....	Welch	4— 0	Fan	12	429
H. K. English	T. B. Fisher	Welch	4— 0	Fan	33	430
J. L. Bishop	Jas. Golden	War Creek	4— 0	Fan	131	431
J. D. Kirby	J. D. Kirby	Davy (or Sewell).	3— 8	Fan	179	432
H. K. English	Zack Gross	Davy (or Sewell)	3— 6	Fan	85	433
H. K. Carper	E. T. Lilly, J. S. Mooney.	Poca.	7— 0	Furnace	36	434
J. M. Murdy	J. M. Murdy	Sewell	3— 0	Furnace	14	435
R. S. Whitehead	John Shufflebarger	Poca. Nos. 3 & 4.	5— 0	Fan	100	436
V. T. Strickler	V. T. Strickler	Red Ash Poca.	2— 7	Furnace	17	437
H. D. Smith	J. E. Smith, K. C. Kent.	Poca. No. 3	7—10	Fan	329	438
P. A. Grady	S. E. Ward	War Creek	5— 6	Fan	49	439
P. A. Grady	Allen Murphy	Davy	3— 0	Fan	20	440
W. H. Powell	W. H. Powell	War Creek	5— 6	Fan	62	441
J. R. Little	T. L. Little	Poca. No. 3.	7—10	Fan	167	442
M. J. Harris	J. T. Frail	Poca. No. 3.	7— 0	Fan	130	443
D. W. Farquharson	John Peake	Poca. No. 3.	6— 6	Fan	252	444
R. H. South	R. H. South	Poca. No. 3.	7— 4	Fan	145	445
J. A. Huddleston	M. C. Roberts	War Creek	4— 6	Fan	118	446
Geo. Cary	Robt. Girlett	War Creek	6— 0	Fan	38	447
Geo. Cary	P. C. Brogan	Davy	4— 2	Fan	33	448
James Grainger	Chas. Stephenson	War Creek	3— 4	Fan	58	449
....	T. N. Gaultney	Poca. No. 3	7— 0	Fan	22	450
....	T. E. Weldon	Poca. No. 3	5— 6	Fan	168	451
None	W. H. Martin	Poca. No. 3	5— 6	Fan	112	452
F. J. Baxter	John Hufford	Welch	3— 6	Fan	31	453
J. W. Strickler	J. W. Strickler	Davy	3— 0	Fan	26	454
E. L. Stafford	Geo. Guy.	Poca. No. 3	6— 6	Fan	185	455
M. H. Hall	Wm. Prentice	Poca. Nos. 3 & 4..	5— 6	Fan	43	456
		Poca. Nos. 3 & 4..	4— 0			

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
457	Eleventh	Houston Collieries Co.	1112	Huger	Shaft	Olmsted
458	Tenth	Indian Ridge Coal & Coke Co.	1009	Indian Ridge	Drift	Worth
459	Twelfth	J. B. B. Coal Co.	1217	No. 1	Drift	Twin Branch
460	Twelfth	J. B. B. Coal Co.	1218	No. 2	Drift	Twin Branch
461	Twelfth	J. B. B. Coal Co.	1219	No. 3	Drift	Twin Branch
462	Twelfth	J. B. B. Coal Co.	1220	No. 4 & 5	Drift	Twin Branch
463	Twelfth	John's Branch Coal Co.	1221	John's Branch	Drift	War
464	Twelfth	Keystone Coal & Coke Co.	1113	Nos. 1 & 2	Drift	Keystone
465	Eleventh	Kimball-Poca. Coal Co.	1114	Virginia	Slope	Big Four
466	Eleventh	King Coal Co., The	1115	King	Slope	Vivian
467	Eleventh	Lake Superior Coal Co.	1116	No. 1	Shaft	Superior
468	Eleventh	Lake Superior Coal Co.	1117	No. 2	Shaft	Superior
469	Twelfth	Lathrop Coal Co.	1222	Lathrop	Drift	Panther
470	Eleventh	Lynchburg Coal & Coke Co.	1118	Lynchburg	Drift	Kyle
471	Tenth	McDowell Coal & Coke Co.	1010	McDowell	Drift	McDowell
472	Twelfth	Mohawk Coal & Coke Co.	1223	Mohawk	Drift	Mohawk
473	Twelfth	N. Riv. & Poca. Cons. Coal Co.	1224	Berwind No. 1	Drift	Berwind
474	Twelfth	N. Riv. & Poca. Cons. Coal Co.	1225	Berwind No. 2	Drift	Berwind
475	Twelfth	N. Riv. & Poca. Cons. Coal Co.	1226	Berwind No. 3	Drift	Berwind
476	Twelfth	N. Riv. & Poca. Cons. Coal Co.	1227	Berwind No. 4	Drift	Berwind
477	Twelfth	N. Riv. & Poca. Cons. Coal Co.	1228	Berwind Nos. 5 & 6	Drift	Berwind
478	Eleventh	N. Riv. & Poca. Cons. Coal Co.	1119	Havaco	Shaft	Jed
479	Twelfth	New Pocahontas Coal Co.	1229	Pando	Drift	Deegans
480	Eleventh	Oregon Coal Company	1120	Nos. 2, 3 & 4	Drift	Hemphill
481	Eleventh	Page Coal & Coke	1121	Nos. 1, 2 & 3	Drift	Pageton
482	Twelfth	Panther Coal Co.	1230	Panther	Drift	Panther
483	Eleventh	Peerless Coal & Coke Co.	1122	Nos. 1 & 2	Drift	Vivian
484	Tenth	Poca. Cons. Collieries Co., Inc.	1011	Angle	Drift	Maybeury
485	Tenth	Poca. Cons. Collieries Co., Inc.	1012	Cherokee	Drift	Ashland
486	Tenth	Poca. Cons. Collieries Co., Inc.	1013	Delta	Drift	Switchback
487	Tenth	Poca. Cons. Collieries Co., Inc.	1014	Lick Branch	Drift	Switchback
488	Tenth	Poca. Cons. Collieries Co., Inc.	1015	Norfolk	Drift	Maybeury
489	Tenth	Poca. Cons. Collieries Co., Inc.	1016	Rolfe	Drift	Worth
490	Tenth	Poca. Cons. Collieries Co., Inc.	1017	Shamokin	Drift	Maybeury
491	Eleventh	Poca. Cons. Collieries Co., Inc.	1123	No. 6	Drift	Jenkinjones
492	Eleventh	Poca. Cons. Collieries Co., Inc.	1124	No. 7	Drift	Jenkinjones
493	Eleventh	Poca. Cons. Collieries Co., Inc.	1125	No. 8	Drift	Jenkinjones
494	Twelfth	Pocahontas Domestic Coal Co.	1231	Scorpion	Drift	War
495	Eleventh	Pocahontas Smokeless C. Co.	1126	Poca Smokeless	Drift	Welch
496	Eleventh	Powhatan Coal & Coke Co.	1127	East & West	Drift	Powhatan
497	Twelfth	Premier-Pocahontas Coll's Co.	1232	Nos. 1, 2, 3 & 4	Drift	Premier
498	Eleventh	Pulaski Iron Company	1128	Nos. 1, 2 & 3	Drift	Eckman
499	Tenth	Roanoke Coal & Coke Co.	1018	Roanoke	Drift	Worth
500	Eleventh	Shawnee Coal & Coke Co.	1129	Shawnee	Drift	Eckman
501	Twelfth	Solvay Collieries Co.	1233	Big Sandy	Drift	Big Sandy
502	Twelfth	Solvay Collieries Co.	1234	Marytown	Drift	Marytown
503	Eleventh	Standard-Pocahontas Coal Co.	1130	Standard	Shaft	Capels
504	Twelfth	Superior-Pocahontas Coal Co.	1235	Blackstone	Drift	Davy
505	Twelfth	Superior-Pocahontas Coal Co.	1236	Cletus	Drift	Davy
506	Twelfth	Superior-Pocahontas Coal Co.	1237	Davy Crockett	Drift	Davy
507	Twelfth	Superior-Pocahontas Coal Co.	1238	Helena	Drift	Davy
508	Eleventh	Tidewater Coal & Coke Co.	1131	Tidewater	Drift	Vivian
509	Eleventh	Turkey Gap Coal & Coke Co.	1132	Turkey Gap	Drift	Ennis
510	Eleventh	United States Coal & Coke Co.	1133	No. 2	Drift	Gary
511	Eleventh	United States Coal & Coke Co.	1134	No. 3	Drift	Gary
512	Eleventh	United States Coal & Coke Co.	1135	No. 4	Drift	Gary
513	Eleventh	United States Coal & Coke Co.	1136	No. 5	Drift	Gary
514	Eleventh	United States Coal & Coke Co.	1137	No. 6	Drift	Gary
515	Eleventh	United States Coal & Coke Co.	1138	No. 7	Drift	Gary
516	Eleventh	United States Coal & Coke Co.	1139	No. 8	Drift	Gary
517	Eleventh	United States Coal & Coke Co.	1140	No. 9	Drift	Gary
518	Eleventh	United States Coal & Coke Co.	1141	No. 10	Drift	Gary
519	Eleventh	United States Coal & Coke Co.	1142	No. 11	Drift	Gary
520	Eleventh	United States Coal & Coke Co.	1143	No. 12	Drift	Gary
521	Eleventh	Upland Coal & Coke Co.	1144	Upland No. 1	Drift	Elkhorn
522	Twelfth	Vaughan Coal & Coke Co.	1239	Vaughan	Drift	Roderfield
523	Twelfth	War Creek Coal Co.	1240	No. 1	Drift	War
524	Eleventh	Welch Coal & Coke Co.	1145	Welch	Drift	Welch

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
W. W. Wood	J. D. Farquarson	Poca. No. 4	5— 0	Fan	180	457
A. D. Rice	T. B. White	Poca. No. 3	5— 0	Fan	128	458
C. L. Beddison	R. G. Stuart	Davy	3— 3	Fan	76	459
C. L. Beddison	Joseph Shorthouse	Davy	3— 2	Fan	73	460
C. L. Beddison	Thos. P. Melvin	Davy	3— 2	Fan	85	461
C. L. Beddison	Jos. Shorthouse	Davy	3— 3	Fan	145	462
W. T. Brooks	John Fletcher	War Creek	3— 6	Fan	21	463
A. J. Stewart	Jas. Smith	Poca. No. 3	6— 0	Fan	240	464
J. A. Staton	S. Perdue	Poca. No. 3	5— 8	Fan	10	465
B. C. Hylton	Chas. Nuttall	Poca. No. 3	6— 0	Fan	239	466
J. A. Straughan	Raymond Davis	Poca. No. 3	5— 0	Fan	106	467
J. A. Straughan	M. Barren	Poca. No. 4	4— 6	Fan	74	468
W. R. Talbott	J. E. Johnson	No. 2 Gas	5— 8	Fan	100	469
L. J. South	L. J. South	Poca. No. 3	7— 6	Fan	160	470
	C. W. Price	Poca. No. 3	5— 6	Fan	170	471
J. W. Montgomery	W. J. Hopkins	War Eagle	5— 6	Fan	76	472
Wm. Barrick	Edward Iserwood	Poca. No. 3	4— 0	Fan	84	473
Wm. Barrick	Christopher McDermon.	Poca. No. 3	4— 0	Fan	118	474
Wm. Barrick	C. W. Todd	Poca. No. 3	4— 0	Fan	115	475
Wm. Barrick	J. J. Reynolds	Poca. No. 3	4— 0	Fan	104	476
Wm. Barrick	J. R. Bailey	Poca. No. 3	4— 0	Fan	101	477
O. M. Knouff	W. H. Steen	Poca. No. 3	5— 3	Fan	19	478
J. H. Taylor	J. W. Lester	Davy	3— 4	Fan	44	479
Robt. Watson	Wm. Ascough	Welch	3— 7	Fan	88	480
E. H. Evans	J. A. Gallimore, H. T. Hanna	Poca. No. 3	8— 0	Fan	243	481
L. L. Heaton	T. G. Shelton	Panther	4— 6	Fan	23	482
R. Y. Luther	T. R. Barrett	Poca. No. 3	6— 0	Fan	323	483
R. S. Whitehead	J. P. Clark	Poca. No. 3	7— 6	Fan	203	484
Wm. Pearman	E. Sheets	Poca. No. 3	6— 0	Fan	170	485
R. S. Whitehead	R. L. Hutchinson	Poca. No. 3	8— 0	Fan	208	486
R. S. Whitehead		Poca. No. 3	8— 0	Fan	218	487
R. S. Whitehead	J. P. Clark	Poca. No. 3	8— 0	Fan	135	488
C. H. Bowers	G. T. Cassell	Poca. No. 3	6— 0	Fan	193	489
R. S. Whitehead	T. J. Burwell	Poca. No. 3	8— 0	Fan	218	490
C. W. Atkinson	Alfred Hall	Poca. No. 3	9— 0	Fan	235	491
C. W. Atkinson	J. W. Atkinson	Poca. No. 3	9— 0	Fan	188	492
C. W. Atkinson	R. C. Mitchell	Poca. No. 3	9— 0	Fan	198	493
J. D. Nash	G. C. Cline	War Creek	3— 0	Fan	51	494
J. W. Wedgewood	Wm. Musser	Poca. No. 6	3— 6	Fan	49	495
W. T. Hetherman	Larry Labroski	Poca. No. 3	7— 0	Fan	186	496
J. C. Saunders	J. D. Johnson	Welch	4— 0	Fan	220	597
F. E. Cunnyngham	J. M. Shank	Poca. No. 3	6— 6	Fan	332	498
Henry Brooke	E. C. Lewis	Poca. No. 3	5— 2	Fan	89	499
	M. A. Sexton	Poca. No. 3	6— 0	Fan	93	500
W. A. Lilly	Frank Huffman	Sewell	3— 7	Fan	91	501
W. A. Lilly	E. D. Walters	Sewell	3— 9	Fan	159	502
F. A. Kearns	James Horne	Poca. No. 3	5— 0	Fan	103	503
F. M. Cook	Frank Wright	Sewell	3— 0	Fan	52	504
F. M. Cook	J. D. Surm	Sewell	3— 0	Fan	62	505
F. M. Cook	Milt Cline	Sewell	3— 0	Fan	66	506
F. M. Cook	H. L. Hubbard	Sewell	3— 0	Fan	72	507
B. C. Hylton	J. O. Smith	Poca. No. 3	6— 0	Fan	120	508
Edwd. J. McQuail	John Cooney, Sr.	Poca. No. 3	7— 0	Fan	96	509
J. M. Tully	J. T. Basham	Poca. No. 4	6— 0	Fan	177	510
H. T. Graham	J. W. Gates	Poca. No. 4	4—10	Fan	139	511
A. N. Harris	A. G. Hahn	Poca. No. 3	6— 0	Fan	160	512
A. N. Harris	Mike Smith	Poca. No. 3	7— 0	Fan	125	513
A. N. Harris	Neil Friel	Poca. No. 4	6— 6	Fan	274	514
W. P. Kearns	Albert Dye	Poca. No. 4	7— 0	Fan	223	515
W. P. Kearns	Mike Hofstetler	Poca. No. 4	6— 0	Fan	118	516
W. W. Harding	D. R. Gates	Poca. No. 4	7— 6	Fan	311	517
H. T. Graham	J. R. Booth	Poca. Nos. 3 & 4	4— 6	Fan	173	518
I. H. Dunn	T. W. Reese	Poca. Nos. 3 & 4 Poca. Nos. 3 & 4 Poca. Nos. 3 & 4	5— 8 5— 6 5— 0	Fan	205	519
H. T. Graham	E. T. Lilly	Poca. No. 3	8— 3	Fan	179	520
John J. Lincoln	John A. Grantham	Poca. No. 3	7— 8	Fan	190	521
M. Sutton	T. Johnson	Davy	4— 0	Fan	52	522
W. T. Brooks	Jas. Gent	War Creek	3— 6	Fan	24	523
F. J. Baxter	C. R. Anderson	Welch	3— 6	Fan	35	524

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
525	Eleventh ..	West Va.-Pocahontas Coal Co.	1146	Leckie Nos. 1 & 2....	Drift	Leckie ....
526	Twelfth ...	Yukon-Pocahontas Coal Co...	1241	Nos. 1 & 2..........	Drift	Yukon ......
527	Tenth	Zenith Coal & Coke Co.......	1019	Zenith Nos. 1 & 2....	Drift	Crumpler ...
		MERCER COUNTY.				
528	Tenth	American Coal Co.	1020	Crane Creek 1 & 2..	Drift	Mannering ..
529	Tenth	American Coal Co.	1021	Piedmont	Drift	McComas ....
530	Tenth	American Coal Co.	1022	Pinnacle	Drift	McComas ....
531	Tenth	Booth-Bowen Coal & Coke Co.	1023	Booth-Bowen	Drift	Freeman .....
532	Tenth	Buckeye Coal & Coke Co.....	1024	Buckeye	Drift	Freeman .....
533	Tenth	Crystal Coal & Coke Co......	1025	No. 1	Drift	Crystal ......
534	Tenth	Crystal Coal & Coke Co......	1026	No. 2	Drift	Crystal ......
535	Tenth	Ennis Coal Co.	1027	Hiawatha	Drift	Hiawatha ....
536	Tenth	Godfrey Coal Co.	1028	Godfrey	Drift	Mont Calm ...
537	Tenth	Louisville Coal & Coke Co....	1029	Louisville, Klondike & Goodwill	Drift	Goodwill .....
538	Tenth	Mill Creek Coal & Coke Co..	1030	Coaldale	Drift	Coopers .....
539	Tenth	Mill Creek Coal & Coke Co..	1031	Tug River	Drift	Coopers .....
540	Tenth	Pawama Coal & Coke Co., The	1032	Nos. 1 & 2..........	Drift	Matoaka .....
541	Tenth	Poca. Consol. Coll's Co., Inc.	1033	Caswell Crk, H. & Elkh	Drift	Freeman .....
542	Tenth	Poca. Consol. Coll's Co., Inc.	1034	Sagamore Nos. 1 & 2..	Drift	McComas ....
543	Tenth	Poca. Consol. Coll's Co., Inc.	1035	West	Drift	Pocahontas Va.
544	Tenth	Smokeless C. & C. Co., The..	1036	Smokeless	Drift	Hiawatha ....
545	Tenth	Solvay Collieries Co.........	1037	Spring	Drift	Springton ....
546	Tenth	Thomas Coal Co., The	1038	No. 1	Drift	McComas ....
547	Tenth	Thomas Coal Co., The	1039	No. 2	Drift	Giatto ....
548	Tenth	Turkey Gap Coal & Coke Co	1040	Nos. 1 & 2..........	Drift	Dott ....
549	Tenth	Weyanoke C. & C. Co., The..	1041	Elihu & Weyanoke....	Drift	Lowe ....
		MINERAL COUNTY.				
550	Fourth	Abram's Creek Coal & Coke Co	406	Oakmont	Drift	Oakmont .....
551	Fourth	Big Vein Coal Co. of W. Va.	407	Shaw 4 foot.........	Drift	Shaw ....
552	Fourth	Carroll-Cross Coal Co.......	408	Cross	Drift	Emoryville ...
553	Fourth	Carroll-Cross Coal Co.......	409	Imperial	Drift	Emoryville ...
554	Fourth	Davis Coal & Coke Co	410	No. 6	Drift	Thomas ......
555	Fourth	Davis Coal & Coke Co	411	No. 14	Drift	Thomas ......
556	Fourth	Davis Coal & Coke Co	412	No. 19	Drift	Thomas ......
557	Fourth	Davis Coal & Coke Co	413	No. 20	Drift	Thomas ......
558	Fourth	Davis Coal & Coke Co	414	No. 50	Drift	Thomas ......
559	Fourth	Davis Coal & Coke Co	415	No. 51	Drift	Thomas ......
560	Fourth	Gleason Coal & Coke Co.....	416	Gleason	Drift	Gleason .....
561	Fourth	Grafton Mining Co.........	417	Western Md.	Drift	Blaine ....
562	Fourth	Hamill Coal & Coke Co......	418	Smith	Drift	Blaine ....
563	Fourth	Masteller Coal Co..........	419	Hampshire Nos. 1 & 2.	Drift	Beryl ....
564	Fourth	Masteller Coal Co..........	420	New Creek	Drift	Beryl ....
		MINGO COUNTY				
565	Twelfth ...	Buffalo Collieries Co., The..	1242	Buffalo	Drift	Chattaroy ....
566	Twelfth ...	Crystal Block C. & C. Co., The	1243	Winifrede Nos. 1 & 2.	Drift	Rawl ....
567	Twelfth ...	Glen Alum Coal Co..........	1244	Nos. 1, 2, 3 & 4......	Drift	Glen Alum....
568	Twelfth ...	Grey Eagle Coal Co.........	1245	Gray Eagle	Shaft	Kermit ....
569	Twelfth ...	Howard Colliery Co..........	1246	Frederick	Drift	Chattaroy ....
570	Twelfth ...	Howard Colliery Co..........	1247	Howard	Drift	Chattaroy ....
571	Twelfth ...	Howard Junior Coal Co......	1248	Howard, Junior	Drift	Chattaroy ...
572	Twelfth ...	Magnolia Coal & Coke Co...	1249	Magnolia	Drift	Matewan .....
573	Twelfth ...	Margaret Mining Co.	1250	Margaret	Drift	War Eagle ...
574	Twelfth ...	Mary Helen Coal Co.........	1251	Mary Helen	Drift	Hatfield ......
575	Twelfth ...	Mingo Washed Coal Co......	1252	Mattie May	Drift	Eugene .....
576	Twelfth ...	Red Jacket Consol C. & C. Co.	1253	Grapevine	Drift	Edgarton ....
577	Twelfth ...	Red Jacket Consol. C. & C. Co.	1254	Mitchell Br. & Ruthfrd	Drift	Red Jacket ...
578	Twelfth ...	Red Jacket Consol. C. & C. Co.	1255	Red Jacket	Drift	Red Jacket ...
579	Twelfth ...	Red Jacket Jr. Coal Co......	1256	Nos. 1 & 2..........	Drift	Red Jacket ...
580	Twelfth ...	Shanklin, Jas. R. Coal Co....	1257	Naugatuck	Drift	Blocton ......
581	Twelfth ...	Sternberger, E. L. Coal Co..	1258	Sternberger	Drift	Goodman .....
582	Twelfth ...	Stone M'tn Coal Corporation.	1259	Marvin	Drift	Matewan .....
583	Twelfth ...	Superior-Thacker C. & C. Co..	1260	No. 1	Drift	Williamson ...
584	Twelfth ...	Sycamore Coal Co..........	1261	Cinderella	Drift	Cinderella ....
585	Twelfth ...	Thacker Coal & Coke Co....	1262	Nos. 2, 3, 6, 7, 8 & 9..	Drift	Thacker Mines.
586	Twelfth ...	Thacker Coal & Coke Co....	1263	No. 10	Drift	Thacker Mines.

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation	Total Inside Employees	No.
W. B. Beale	Wm. Smith, Robt. Smith	Poca. No. 3	8— 6	Fan	123	525
A. Mooney	T. J. Reynolds	War Creek	5— 0	Fan	58	526
T. B. White	W. A. Otey	Poca. No. 3	4— 6	Fan	128	527
MERCER COUNTY.						
J. Tracy Walker	Jas. H. Hughes	Poca. No. 3	4— 6	Fan	175	528
J. Tracy Walker	C. I. Irving	Poca. No. 3	4— 6	Fan	129	529
J. Tracy Walker	S. W. Landreth	Poca. No. 3	4— 6	Fan	163	530
J. H. Bowen	B. H. English	Poca. No. 3	6— 0	Fan	127	531
F. R. Hewitt	J. H. Williams	Poca. No. 3	5— 6	Fan	170	532
Eugene Powell	B. R. Foley	Poca. No. 3	4— 6	Fan	131	533
Eugene Powell	J. C. Lovern	Poca. No. 3	4— 6	Fan	50	534
J. P. Johnson	W. H. Sanford	Poca. No. 3	4— 6	Fan	115	535
E. V. Neal	S. S. Num	Poca. No. 3	4— 2	Fan	24	536
Jarius Collins	Geo. R. Scott	Poca. No. 3	4— 8	Fan	161	537
C. E. F. Burnley	J. W. Johnson, J. Jarvis	Poca. No. 3	8— 4	Fan	83	538
C. E. F. Burnley	J. W. Johnson, J. Jarvis	Poca. No. 3	8— 4	Fan	224	539
J. C. Stras	Ed. Lucas	Poca. No. 3	5— 2	Fan	58	540
J. K. Whitehead	J. W. Cole	Poca. No. 3	9— 0	Fan	205	541
J. C. Baldwin	E. E. Evans	Poca. No. 3	6— 0	Fan	215	542
Jas. Heatherman	Jos. McCrickard	Poca. No. 3	10— 0	Fan	15	543
O. N. Moomaw	Jno. W. Shrewsbury	Poca. No. 3	4— 6	Fan	54	544
D. C. Boag	D. W. Franklin	Poca. No. 3	4— 5	Fan	100	545
Jas. G. Thomas	Thos. H. Luke	Poca. No. 3	5— 0	Fan	120	546
W. J. Pritchard	W. M. Watts	Poca. No. 3	5— 0	Fan	71	547
D. H. Frazier	R. Q. Mahoney, J. L. Perdue	Poca. No. 3	4— 6	Fan	116	548
J. T. Morris	J. S. Woodyard	Poca. No. 3	4— 2	Fan	180	549
MINERAL COUNTY.						
James Christopher	James Christopher	Freeport	4— 6	Fan	80	550
S. S. Harvey	S. S. Harvey	Bakerstown	3— 0	Fan	30	551
Howard Cross	Harry Cross	Lower Freeport	4— 0	Fan	45	552
Howard Cross	Harry Cross	Lower Freeport	4— 0	Fan	18	553
J. E. Ott	E. M. Sheets	Pitttsburgh	12— 0	Natural	44	554
J. E. Ott	B. S. Coleman	Freeport	3—10	Fan	94	555
O. Tibbetts	John Tibbets	Lower Kittanning.	5— 0	Fan	91	556
J. E. Ott	John Kilroy	Freeport	3—10	Fan	69	557
O. Tibbetts	John Tibbets	Bakerstown	4— 0	Fan	43	558
O. Tibbetts	John Tibbets	Bakerstown	4— 0	Fan	84	559
Philip Brown	Chas. M. Davis	Lower Kittanning.	6— 0	Fan	75	560
Richard Brydon	Alfred Fortney	Lower Kittanning.	5— 6	Furnace	24	561
R. A. Smith	V. G. Pew	Lower Kittanning.	6— 0	Fan	31	562
....	F. H. Tibbetts	Bakerstown	2— 6	Fan	60	563
J. C. Watson, G. Mgr.	F. H. Tibbetts	Kittanning	6— 0	Fan	58	564
MINGO COUNTY.						
D. S. Holmes	Matt Dempsey	Winifrede	4— 6	Fan	107	565
S. T. Bausman	E. H. Gates	Winifrede	6— 0	Fan	69	566
J. W. Yost	Ed. Buchanan	Glen Alum	5— 0	Fan	309	567
L. J. Blankenship	L. J. Blankenship	No. 2 Gas	4— 0	Fan	45	568
W. S. Esther	....	Winifrede	5— 0	Fan	61	569
W. S. Esther	John H. Kidwell	Coalburg	5— 0	Fan	91	570
W. S. Esther	E. B. Varney	Coalurg	5— 0	Fan	100	571
Sam T. Lambert	W. H. Artis	Thacker	4— 6	Fan	47	572
T. A. Shewey	J. H. Brumfield	War Eagle	5— 0	Fan	32	573
V. D. Clark	W. H. Kirkpatrick	Winifr. & Thacker	4— 6 3—10	Fan	70	574
Robt. Martin	E. H. Simpkins	Coalburg	4— 6	Furnace	16	575
W. A. Wilson	Floyd Atkins	Alma	5— 6	Furnace	74	576
W. A. Wilson	Robert Gould	Red Jacket	4— 8	Fan	217	577
W. A. Wilson	J. W. Cunningham	Red Jacket	4— 6	Fan	27	578
W. A. Wilson	C. L. McKinnon	Red Jacket	4— 6	Fan	151	579
J. S. Crugar	C. A. Parcell	Coalburg	4— 8	Fan	72	580
O. B. Gould	Chas. G. May	Winifrede	6— 0	Fan	54	581
Samuel Graham	John Body	Thacker	3— 7	Fan	47	582
M. O. Randolph	T. A. Mitchell	Thacker	4— 4	Fan	25	583
Evan Thomas	Robt. Erskine	Winifr. & Coalburg	4— 9	Fan	134	584
Jno. M. Lewis	F. Miller, Chas. Sigman	Thacker	7— 6	Fan	159	585
Jno. M. Lewis	P. P. Kerr	Thacker	4— 0 7— 0	Furnace	10	586

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
587	Twelfth	Thacker Coal & Coke Co.	a1263	Nos. 11, 12, 13 & 14	Drift	Thacker Mine
588	Twelfth	War Eagle Coal Co.	1264	Mephisto	Drift	War Eagle
589	Twelfth	War Eagle Coal Co.	1265	Pappoose	Drift	War Eagle
590	Twelfth	White Star Mining Co.	1266	Nos. 1 & 2	Drift	Merrimac
591	Twelfth	Williamson Coal & Coke Co.	1267	Winifrede	Drift	Williamson
		MONONGALIA COUNTY				
592	Third	Antler Coal Co.	315	Grant	Drift	Uffington
593	Third	Connellsville Coal & Coke Co.	316	Opekiska	Drift	Opekiska
594	Third	Consolidation Coal Co., The	317	No. 30	Drift	Beechwood
595	Third	Elkins Coal & Coke Co.	318	No. 1	Drift	Richard
596	Third	Elkins Coal & Coke Co.	319	No. 3	Drift	Dellslow
597	Third	Elkins Coal & Coke Co.	320	Nos. 4 & 5	Drift	Morgantown
598	Third	Great Scott C. & Coke Co. The	321	Great Scott	Drift	Morgantown
599	Third	Southern Connellsv'll Coke Co	322	Marion No. 2	Drift	Cheat Haven, I
		NICHOLAS COUNTY.				
600	Fifth	Pardee & Curtin Lumber Co.	556	Panther Creek	Drift	Curtin
601	Fifth	Pardee & Curtin Lumber Co.	557	Mayo	Drift	Curtin
602	Fifth	Saxman Coal & Coke Co., The.	558	Saxman Nos. 1, 2 & 3	Drift	Saxman
603	Eighth	Coalbell Coal Co.	866	Trees No. 1	Drift	Bentree
		OHIO COUNTY				
604	First	W. F. Creighton	147	Creighton	Drift	Elm Grove
605	First	Elm Grove Coal Co.	148	Elm Grove	Drift	Elm Grove
606	First	Richland Coal Co.	147	Richland	Drift	Wheeling
607	First	Storch, Peter & Sons	150	Storch	Drift	Edgington
608	First	Whitaker-Glessner Co.	151	Carter	Drift	Wheeling
		PRESTON COUNTY.				
609	Third	Austen Coal & Coke Co., The.	323	No. 1	Drift	Austen
610	Third	Austen Coal & Coke Co., The	324	No. 2	Drift	Austen
611	Third	Borgman Coal Co.	325	No. 1	Drift	Tunnelton
612	Third	Elkins Coal & Coke Co.	326	No. 2	Drift	Bretz
613	Third	Elkins Coal & Coke Co.	327	No. 4	Drift	Kingwood
614	Third	Elkins Coal & Coke Co.	328	No. 6	Drift	Masontown
615	Third	Elkins Coal & Coke Co.	329	No. 7	Drift	Reedsville
616	Third	Gorman Coal & Coke Co.	330	No. 2	Drift	Austen
617	Third	Hiorra Coke Co.	331	Vulcan	Drift	Hiorra
618	Third	Hite Coal & Coke Co.	332	Dixie	Drift	Hiorra
619	Third	Irona Coal Co.	333	No. 2	Drift	Kingwood
620	Third	Kendall Lumber Co.	334	Arnold Run	Drift	Crellen, Md.
621	Third	Kingwood Coal Co.	335	Howesville	Drift	Howesville
622	Third	Late Gordon B. Coal Co.	336	Late No. 1	Drift	Independence
623	Third	Preston County Coke Co.	337	Cascade Nos. 1, 2 & 3.	Drift	Cascade
624	Third	Preston Fuel Co.	338	No. 1	Shaft	Independence
625	Third	Somerset-Smokeless Coal Co.	339	Tunnelton	Drift	Tunnelton
626	Third	Virginia-Maryland Coal Corp.	340	Scotch Hill	Shaft	Newburg
627	Third	Wills, John	341	Wills No. 4	Drift	Corinth
		PUTNAM COUNTY.				
628	Fifth	Black Betsy Coal & M'n'g Co.	559	Nos. 2 & 3	Drift	Black Betsy
629	Fifth	Oak Forest Coal Co.	560	Oak Forest	Drift	Winfield
630	Fifth	Otto Marmet C. & M Co., The	561	Nos. 1, 2 & 3	Drift	Raymond Ci
631	Fifth	Plymouth Coal & Mining Co.	562	Plymouth	Drift	Plymouth
		RALEIGH COUNTY.				
632	Tenth	Bailey-Wood Coal Co.	1042	Bailey Wood	Drift	MacAlpin
633	Ninth	Beckley Coal & Coke Co.	924	Beckley	Slope	Wickham
634	Ninth	Blue Jay Lumber Co.	925	No. 4	Drift	Glen Morgan
635	Sixth	Clear Fork Coal Co.	670	Leevale	Drift	Jarrold's Val
636	Ninth	Cranberry Fuel Co.	926	Cranberry	Shaft	Cranberry
637	Ninth	Cranberry Fuel Co.	927	Sprague	Slope	Sprague
638	Sixth	Recvrs Four States C & C Co.	671	Dorothy	Drift	Dorothy
639	Sixth	Recvrs Four States C & C Co.	672	Sarita	Drift	Dorothy
640	Tenth	Gulf Coal Co.	1043	Nos. 1, 2 & 3	Drift	Hot Coal
641	Tenth	Gulf Smokeless Coal Co.	1044	Tams Nos. 1, 2 & 3	Drift	Tams

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
Jno. M. Lewis	P. P. Kerr	Thacker	4— 6	Fan	97	587
Geo. W. Coffey	S. S. Barnett	War Eagle	5— 6	Fan	79	588
Geo. W. Coffey	John Coffey	War Eagle	5— 9	Fan	65	589
....	G. W. Welch	Alma	4— 4	Fan	76	590
J. F. James	H. H. Kelly	Winifrede	4— 0	Fan	127	591
	MONONGALIA COUNTY.					
E. O. Perkey	E. O. Perkey	Pittsburgh	8— 0	Natural	37	592
C. E. Malone	C. E. Malone	Pittsburgh	8— 0	Natural	27	593
J. A. Cook	J. H. Yoder	Pittsburgh	7— 0	Natural	26	594
J. B. Hanford	O. T. Barnard	Upper Freeport	4— 0	Fan	107	595
J. B. Hanford	O. T. Barnard	Upper Freeport	4— 0	Fan	17	596
J. B. Hanford	Floyd Gandy	Pittsburgh	8— 0	Fan	88	597
A. G. Tait	W. H. Tait	Pittsburgh	9— 6	Nat. & Fur.	8	598
S. A. Carson	A. Laing	Pittsburgh	6— 6	Furnace	34	599
	NICHOLAS COUNTY.					
Jos. Boggs	J. M. Boggs	New River	4— 0	Air Shaft	8	600
A. W. Smith	A. W. Smith	New River	5— 0	Air Shaft	3	601
P. M. Saxmon	Sam Swartz	Sewell	3— 6	Fan	70	602
A. Archibald	L. H. Arthur	Belmont	4— 6	Fan	53	603
	OHIO COUNTY.					
W. F. Creighton	Frank Burdett	Pittsburgh	5— 0	Fan	6	604
J. B. Chambers	Peter Lowther	Pittsburgh	4 to 5′	Fan	62	605
L. W. Brown	E. S. Wade	Pittsburgh	5— 3	Fan	407	606
Geo. Storch	John Storch	Pittsburgh	5— 0	Furnace	6	607
W. H. Kasley	W. E. McGlome	Pittsburgh	4—10	Fan	49	608
	PRESTON COUNTY.					
F. W. Horchler	John T. Cook	Upper Freeport	4— 6	Fan	118	609
F. W. Horchler	F. H. Jones	Upper Freeport	4— 6	Fan	43	610
F. W. Borgman	F. W. Borgman	Upper Freeport	4— 8	Fan	45	611
J. B. Hanford	Joseph Hanford	Upper Freeport	4— 0	Fan	130	612
J. B. Hanford	I. B. Bowermaster	Upper Freeport	4— 0	Fan	74	613
J. B. Hanford	H. F. Loftus	Upper Freeport	4— 0	Fan	139	614
J. B. Hanford	R. L. Wolfe	Upper Freeport	4— 0	Fan	32	615
Thomas Murphy	P. H. Knott	Upper Freeport	4— 6	Fan	36	616
Geo. L. Humphreys	U. G. Deahl	Upper Freeport	4— 4	Fan	59	617
John Y. Hite	T. U. Keener, R. H. Wilson	Upper Freeport	4— 8	Fan	27	618
D. J. Williams	W. M. Britton	Upper Freeport	4— 0	Fan	36	619
Chas. W. Ream	P. L. Mersing	Upper Freeport	4— 0	Natural	12	620
Isaac Conn	C. W. Martin	Upper Freeport	4— 6	Furnace	54	621
M. Mannix	M. Mannix	Kittanning	4— 6	Fan	30	622
Everhart Bievrer	Clyde Marteney	Upper Freeport	5— 0	Fan	87	623
R. B. Stewart	W. D. Roberts	Lower Kittanning	5— 0	Fan	33	624
J. W. Watkins	H. D. Zinn	Upper Freeport	4— 6	Fan	204	625
L. C. Stephenson	John Lennon	Kittanning	5— 0	Fan	44	626
M. C. Kelly	Homer Koontz	Upper Kittanning	7— 4	Fan	19	627
	PUTNAM COUNTY.					
C. R. Santrock	Robt. Buchannon	Pittsburgh	5— 6	Fan	400	628
D. L. Thomas	D. L. Thomas	Pittsburgh	3—10	Fan	8	629
Edward Schonebaum	A. Utt, Chas. Cawley	Pittsburgh	5— 8	Fan	329	630
W. C. Mitchell	Robt. Fields, C. R. Humphrey	Pittsburgh	5— 6	Fan	231	631
	RALEIGH COUNTY.					
J. C. Baker	C. B. Bryant	Beckley	5— 0	Fan	82	632
W. E. Griffiths	J. H. Cooper	Sewell	4— 0	Fan	136	633
P. C. Lynch	B. W. Collins	Beckley	4— 8	Natural	12	634
Jno. W. Branham	Wm. Coiner	Coalburg	5— 6	Fan	74	635
W. E. Griffiths	Wm. Blade	Sewell	4— 4	Fan	120	636
W. E. Griffiths	W. S. Fink	Sewell	3— 8	Fan	104	637
Chas. E. Sandberg	Chas. E. Footer, Robt. Longstaff	Dorothy	11— 6	Fan	202	638
Chas. E. Sandberg	Ed. Hope, A. D. Hemmings	Dorothy	11— 6	Fan	195	639
W. H. Ruby	O. Williams	Beckley	4 to 5′	Fan & Fur.	50	640
W. P. Tams, Jr.	Adam Lindley	Beckley	6— 0	Fan	247	641

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
642	Ninth	Lanark Coal Co.	928	No. 4	Drift	Lanark
643	Tenth	Lynwin Coal Co.	1045	Lynwin	Slope	Winding Gulf.
644	Ninth	Mabscott Coal & Coke Co.	929	Mabscott	Drift	Mabscott
645	Sixth	Marsh Fork Coal Co.	673	Marsh Fork	Drift	Jarrold's Valley
646	Tenth	MacAlpin Coal Co.	1046	MacAlpin	Drift	Mac Alpin
647	Ninth	McKell Coal & Coke Co.	930	Graham 1 & 2	Drift	Tamroy
648	Ninth	McKell Coal & Coke Co.	931	Oswald 1, 2, 3 & 4	Drift	Oswald
649	Ninth	McKell Coal & Coke Co.	932	Tamroy	Drift	Tamroy
650	Ninth	New River Collieries Co., The	933	Eccles Nos. 3 & 4	Shaft	Eccles
651	Ninth	New River Collieries Co., The	934	Eccles Nos. 5 & 6	Shaft	Eccles
652	Ninth	Pemberton Coal & Coke Co.	935	Affinity	Slope	Affinity
653	Ninth	Pemberton Fuel Co.	936	Pemberton	Drift	Pemberton
654	Tenth	Pemberton Coal & Coke Co.	1047	Big Stick	Drift	Affinity
655	Ninth	Piney Mining Co.	937	Nos. 1 & 2	Drift	Stanaford
656	Ninth	Piney Mining Co.	938	No. 3	Drift	Stanaford
657	Ninth	Piney Mining Co.	939	No. 4	Drift	Stanaford
658	Ninth	Price Hill Fuel Co.	940	Price Hill	Shaft	Macdonald
659	Ninth	Raleigh Coal & Coke Co.	941	Nos. 1, 2 & 4	Drift	Raleigh
660	Ninth	Raleigh Coal & Coke Co.	942	No. 3	Drift	Raleigh
661	Ninth	Raleigh Coal & Coke Co.	943	Nos. 5 & 6	Drift	Raleigh
662	Ninth	Royal Coal Co.	944	Royal	Drift	Prince
663	Ninth	Slab Fork Coal Co.	945	Nos. 2, 3 6 & 7	Drift	Slab Fork
664	Ninth	Slab Fork Coal Co.	946	No. 5	Drift	Slab Fork
665	Ninth	Stonewall Coal & Coke Co.	947	No. 2	Drift	Stonewall
666	Ninth	Stonewall Coal & Coke Co.	948	Terry	Drift	Terry
667	Ninth	Sullivan Coal & Coke Co.	949	North & South	Drift	Sullivan
668	Ninth	White, B. H.	950	Combs	Drift	Beckley
669	Ninth	White, E. E. Coal Co.	951	Glen White Nos. 1 & 2	Shaft	Glen White
670	Tenth	White, E. E. Coal Co.	1048	Stotesbury 1, 3, 5 6 & 7	Drift	Stotesburg
671	Tenth	Winding Gulf Colly. Co.	1049	Nos. 1 & 3	Drift	Winging Gulf.
672	Tenth	Winding Gulf Colly. Co.	1050	No. 2	S-Shft	Winding Gulf.
673	Ninth	Wood Peck Coal Co.	952	Wood Peck	Drift	Sullivan
674	Ninth	Wright Coal & Coke Co.	953	No. 1	Drift	Wright
675	Ninth	Wright Coal & Coke Co.	954	No. 2	Drift	Wright
		RANDOLPH COUNTY				
676	Fourth	Brady Coal Co.	421	Klondyke	Drift	Mabie
677	Fourth	Davis Colliery Co.	422	Coalton Nos. 1 & 3	Drift	Coalton
678	Fourth	Davis Coal & Coke Co.	423	Weaver No. 1	Drift	Weaver
679	Fourth	Davis Coal & Coke Co.	424	Weaver No. 2	Drift	Weaver
680	Fourth	Davis Colliery Co.	425	Harding Nos. 1, 3 & 5.	Drift	Harding
681	Fourth	Davis Colliery Co.	426	No. 5	Drift	Elkins
682	Fourth	Davis Colliery Co.	427	Sivad No. 2	Drift	Elkins
683	Fourth	Green, W. H.	428	Leroy	Drift	Weaver
684	Fourth	Jenkins, J. B. Coal Co.	429	Ariana	Drift	Mabie
685	Fourth	Rich Mountain Coal Co.	430	Beech Run	Drift	Beech Run
686	Fourth	Rich Mountain Co.	431	Hartridge	Drift	Hartridge
687	Fourth	West Va. Pulp & Paper Co.	430	Hopkins	Drift	Cass
		TAYLOR COUNTY.				
688	Third	Davis, T. B. (Estate)	342	T. B. Davis	Drift	Flemington
689	Third	Grafton Coal & Coke Co.	343	Sandlick Nos. 1 & 2	Drift	Simpson
690	Third	Maryland Coal Co. of W. Va.	344	Wendell Nos. 1, 2 & 4	Drift	Simpson
691	Third	McGraw Coal Co.	345	New York No. 1	Drift	Simpson
692	Third	Pittsvein Coal Co.	346	No. 4	Drift	Flemington
693	Third	Rosemont Coal Co.	347	Rosemont	Drift	Rosemont
694	Third	Sterling Coal Co., Ltd.	348	Cecil	Drift	Cecil
695	Third	Sunnyside Coal Co.	349	Sunnyside	Drift	Independence.
696	Third	Winona Coal & Coke Co.	350	Winona No. 2	Drift	Grafton
		TUCKER COUNTY.				
697	Fourth	Cooper, J. Calvin	433	Cooper	Drift	Davis
698	Fourth	Cumberland Coal Co.	434	Douglas No. 1	Drift	Albert
699	Fourth	Cumberland Coal Co.	435	Douglas No. 2	Drift	Albert
700	Fourth	Cumberland Coal Co.	436	Douglas No. 6	Drift	Albert
701	Fourth	Davis Coal & Coke Co.	437	No. 23	Drift	Thomas
702	Fourth	Davis Coal & Coke Co.	438	No. 24	Drift	Thomas
703	Fourth	Davis Coal & Coke Co.	439	No. 25	Drift	Thomas
704	Fourth	Davis Coal & Coke Co.	440	No. 26	Drift	Thomas
705	Fourth	Davis Coal & Coke Co.	441	No. 34	Shaft	Thomas

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
A. E. Easton	G. C. Maynor	Sewell	4— 0	Fan	39	642
E. J. Flanigan	M. L. Merrill	Beckley	5— 0	Fan	97	643
W. E. Griffith	John Burns	Sewell	4— 0	Fan	100	644
W. H. Pettus	John Rutherford	Dorothy	5— 6	Fan	57	645
Wm. Laing	W. A. Gilchrist	Beckley	4½ to 6'	Fan	197	646
C. G. Wood	G. C. Stone	Sewell	4—10	Fan	54	647
W. R. Ballard	R. M. O'Dell	Sewell	4— 6	Fan	137	648
C. G. Wood	I. J. Boyd	Sewell	4—10	Fan	83	649
		Beckley	7— 6	Fan	192	650
Thos. Donelson	Oscar Kephart	Beckley	7— 6			
Thos. Donelson	Bud Hazlett	Sewell	4— 6	Fan	303	651
G. A. Hinterleitner	D. W. Miller	Beckley	3— 0	Fan	70	652
P. E. Lilly	E. B. Hunt	Beckley	4— 0	Furnace	34	653
G. A. Hinterleitner	J. A. Connor	Beckley	5— 6	Fan	114	654
....	Mike Campbell	Beckley	5— 4	Fan	145	655
....	Thomas Carlin	Sewell	4— 4	Fan	44	656
....	Frank McClain	Beckley	4— 6	Fan	72	657
P. C. Thomas	....	Sewell	3—10	Fan	12	658
Jas. P. White	T. L. Conway	Beckley	4— 6	Fan	81	659
Jas. P. White	Ed. Vacheresse	Beckley	4— 6	Fan	118	660
Jas. P. White	F. R. Clark	Beckley	5— 0	Fan	172	661
E. E. Huddleston	E. E. Huddleston	Fire Creek	3— 0	Fan	23	663
W. M. Warwick	H. R. Neal, F. J. Webb.	Beckley	4— 4	Fan	183	663
W. M. Warwick	John Sweeney	Beckley	4— 4	Fan	103	664
....	Farmer Lytton	Fire Creek	3— 0	Fan	10	665
....	W. H. Cross	Fire Creek	4— 0	Fan	72	666
....	R. L. Crews	Beckley	4— 6	Fan	130	667
B. H. White	J. T. Boalt	Sewell	3— 4	Nat. & Fur.	13	668
E. E. White	F. J. McHugh	Beckley	5— 8	Fan	214	669
C. R. Stahl	J. E. Virgin	Beckley	4— 4	Fan	247	670
Robt. W. Liddle	H. O. Hall	Beckley	4 to 6'	Fan	160	671
Robt. W. Liddle	Jno. W. Hancock	Beckley	5— 0	Fan	139	672
....	Frank Beard	Beckley	4— 3	Fan	40	673
....	P. J. McQuade	Fire Creek	3— 6	Fan	50	674
....	Fletcher Brown	Fire Creek	3— 6	Fan	46	675
	RANDOLPH COUNTY.					
A. N. Humphreys	J. G. Witt	Lower Kittanning.	6— 6	Fan	29	676
Jos. Hoylman	W. A. Ford	Lower Kittanning.	6— 6	Fan	148	677
H. H. Harrison	P. J. Smallridge	Lower Kittanning.	6— 0	Fan	50	678
H. H. Harrison	Ed. Pill	Lower Kittanning.	6— 0	Fan	104	679
A. C. Davis	O. G. Shomo	Lower Kittanning.	6— 0	Fan	89	680
Leslie Wilmoth	Oscar Wilmoth	Lower Kittanning.	6— 0	Furnace	12	681
Leslie Wilmoth	Leslie Wilmoth	Lower Kittanning.	5— 6	Furnace	40	682
W. H. Green	B. Jaggie	Lower Kittanning.	8— 0	Furnace	10	683
J. W. Reeves	David Edwards	Lower Kittanning.	8— 6	Fan	53	684
Geo. A. Weber	V. O. Eiserman	New River	2— 8	Furnace	20	685
Geo. A. Weber	V. O. Eiserman	New River	2— 8	Furnace	23	686
R. A. Hivies	D. S. Seamon	New River	5— 0	Furnace	17	687
	TAYLOR COUNTY.					
....	Wm. Drainer	Pittsburgh	7— 0	Fan	52	688
E. J. Fahey	Homer Yates	Pittsburgh	7— 6	Natural	40	689
David Williams	E. Love, W. J. Keefe.	Pittsburgh	7— 0	Fan	467	690
James Smyth	L. T. Sturm	Pittsburgh	7— 6	Fan	69	691
Geo. S. Brackett	A. B. Spencer	Pittsburgh	7— 6	Fan	89	692
Jas. A. Haislip	J. E. Hamilton	Pittsburgh	8— 0	Fan	227	693
M. P. Brady	M. P. Brady	Upper Freeport	4— 6	Fan	22	694
Gail Goodwin	Wm. McGinnis	Kittanning	4— 2	Fan	38	695
M. H. Smith	Blaine Coleman	Lower Freeport	5 — 0	Fan	41	696
	TUCKER COUNTY.					
J. C. Cooper	J. C. Cooper	Lower Kittanning.	6— 0	Air Sh. & Fur	10	697
J. J. Dobbie	G. W. Burke	Lower Kittanning.	6— 0	Fan	140	698
J. J. Dobbie	Abraham Roberts	Lower Kittanning.	6— 0	Fan	54	699
J. J. Dobbie	Walter Pill	Lower Kittanning.	6— 0	Fan	27	700
Jno. Clifford	S. E. Hawkshaw	Freeport	7— 0	Fan	153	701
P. J. Brennan	M. N. Utterback	Upper Freeport	5— 6	Fan	42	702
John Clifford	E. P. Brennan	Upper Freeport	6— 0	Fan	95	703
P. J. Brennan	A. I. Jenkins	Upper Freeport	5— 0	Fan	48	704
C. F. Bashore	Geo. Dash	Lower Kittanning.	5— 0	Fan	38	705

DIRECTORY OF THE MINES IN THE STATE OF WEST VIRGINIA, FOR THE YEAR ENDING JUNE 30TH, 1914.

No.	District	Name of Company	Series No.	Name of Mine	Kind of Open'g	Post Office Address
706	Fourth	Davis Coal & Coke Co......	442	No. 35	Drift	Thomas ......
707	Fourth	Davis Coal & Coke Co......	443	No. 36	Drift	Thomas ......
708	Fourth	Davis Coal & Coke Co......	444	No. 37	Shaft	Thomas ......
709	Fourth	Davis Coal & Coke Co......	445	No. 38	Shaft	Thomas ......
710	Fourth	Davis Coal & Coke Co......	446	No. 39	Shaft	Thomas ......
711	Fourth	Davis Coal & Coke Co......	447	No. 40	Shaft	Thomas ......
712	Fourth	Davis Coal & Coke Co......	448	No. 41	Slope	Thomas ......
		UPSHUR COUNTY.				
713	Second	Buckhannon River C. & C. Co	269	Florence No. 2	Drift	Adrian ....
714	Second	Newcomer Coal Co.........	270	Newcomer	Drift	Teeter ....
715	Second	Red Rock Fuel Co..........	271	Red Rock	Drift	Red Rock ....
		WAYNE COUNTY				
716	Twelfth ...	East Lynn Coal Co.........	1268	East Lynn	Drift	East Lynn ...
		WYOMING COUNTY.				
717	Tenth	Mead-Pocahontas Coal Co...	1051	Mead-Poca	Drift	Mullens ......
718	Tenth	Trace Fork Coal Co	1052	Trace Fork	Drift	Mullens ......

NAME OF SUPERINTENDENT, NAME OF MINE FOREMAN, SEAMS WORKED AND THICKNESS, AND TOTAL NUMBER OF INSIDE EMPLOYEES.

Name of Superintendent.	Name of Mine Foreman.	Name of Coalbed Worked	Thickness Ft. In.	Kind of Ventilation.	Total Inside Employees	No.
P. J. Brennan	T. A. Fleming	Lower Kittanning.	6— 0	Fan	23	706
P. J. Brennan	J. F. Foreman	Lower Kittanning.	4— 3	Fan	121	707
P. J. Brennan	Wm. Mather	Lower Kittanning.	4— 6	Fan	69	708
John Clifford	Joseph Jones	Lower Kittanning.	5— 6	Fan	192	709
W. W. Brewer	J. L. Jeffreys	Lower Kittanning.	5— 6	Fan	127	710
W. W. Brewer	F. S. Tasker	Lower Kittanning.	6— 0	Fan	150	711
P. J. Brennan	A. G. Waddell	Lower Kittanning.	3— 8	Fan	54	712
	UPSHUR COUNTY.					
R. J. Humphries	Wade Conley	Masontown	6— 0	Fan	53	713
H. M. Crawford	Ed. Shaffer	Pittsburgh	6— 0	Furnace	8	714
H. S. Reppert	Wm. Reppert	Red Stone	4— 0	Fan	39	715
	WAYNE COUNTY.					
Okey Loyd	Okey Loyd	No. 5 Block	5— 0	Furnace	71	716
	WYOMING COUNTY.					
J. C. Sullivan	John Prentice	Poca. No. 3	4— 0	Fan	34	717
W. B. Honaker	H. L. Price	Poca. No. 3	4— 0	Furnace	9	718

THIRD SECTION

CONDITION OF MINES

REPORTS
OF
DISTRICT MINE INSPECTORS

1914

Personnel of the Department of Mines

John Laing, Chief of Department of Mines, Charleston, resigned August thirty-first, one thousand nine hundred and thirteen.

Earl A. Henry, Chief of Department of Mines, Charleston, appointed September first, one thousand nine hundred and thirteen.

FIRST DISTRICT.

Karl F. Shoew, Inspector, Fairmont.
W. B. Riggleman, Inspector, Fairmont.

SECOND DISTRICT.

F. E. Parsons, Inspector, Clarksburg.

THIRD DISTRICT.

L. D. Vaughn, Inspector, Grafton.

FOURTH DISTRICT.

W. B. Plaster, Elkins.

FIFTH DISTRICT.

Earl A. Henry, Inspector, Clifton.
R. B. Cobb, Charleston.

SIXTH DISTRICT.

J. H. Jackson, Montgomery.
Enoch Carver, Charleston.

SEVENTH DISTRICT.

James Martin, Inspector, Charleston.
Eli J. Mason, Inspector, Montgomery.

EIGHTH DISTRICT.

R. Y. Muir, Inspector, Hinton,—Montgomery.
John I. Absalom, Inspector, Montgomery.

NINTH DISTRICT.

Lance B. Holliday, Inspector, Beckley.

TENTH DISTRICT.

Arthur Mitchell, Inspector, Bluefield.
Isaac Murray, Inspector, Bramwell.

ELEVENTH DISTRICT.

L. Blenkinsopp, Welch.

TWELFTH DISTRICT.

H. H. Pinkney, Welch.
E. C. Lambert, Williamson.

MINE INSPECTION DISTRICTS

FIRST DISTRICT.

Counties of *Brooke*, *Marion*, *Marshall*, *Ohio*, Pleasants, Tyler and Wetzel.

SECOND DISTRICT.

Counties of Doddridge, *Harrison*, *Lewis*, *Nicholas*, Ritchie, *Upshur* and Webster.

THIRD DISTRICT.

Counties of *Barbour* (Part), *Harrison* (Part), *Monongalia*, *Preston* and *Taylor.*

FOURTH DISTRICT.

Counties of *Barbour* (Part), Berkeley, *Grant*, Hampshire, Hardy, Jefferson, *Mineral*. Morgan, Pendleton, Pocahontas, *Randolph* and *Tucker.*

FIFTH DISTRICT.

Counties of *Braxton*, Calhoun, *Clay*, *Fayette* (Part), *Gilmer*, *Greenbrier*, Jackson, *Kanawha* (Part), *Mason*, *Nicholas* (Part), Wirt and Roane.

SIXTH DISTRICT.

Counties of *Boone*, *Kanawha* (Part), *Lincoln*, *Logan*, and *Raleigh* (Part).

SEVENTH DISTRICT.

Counties of *Fayette* (Part) and *Kanawha* (Part).

EIGHTH DISTRICT.

Counties of *Fayette* (Part) and *Raleigh* (Part).

NINTH DISTRICT.

Counties of *Fayette* (Part) and *Raleigh* (Part).

TENTH DISTRICT.

Counties of *McDowell* (Part), *Mercer*, Monroe, *Raleigh* (Part), Summers and *Wyoming.*

ELEVENTH DISTRICT.

County of *McDowell* (Part).

TWELFTH DISTRICT.

Counties of Cabell, *McDowell* (Part), *Mingo* and *Wayne.*

(*'Italicized'* Counties are those in which coal mines are operated.)

THE FOLLOWING IS A GENERAL SUMMARY OF THE VARIOUS MINING DISTRICTS FOR THE YEAR ENDING JUNE 30, 1914.

District	No. of Openings	No, of Persons Killed	EMPLOYEES									Production of	
			Inside					Outside				Coal	Coke
			Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals	Sum Totals	Tons of 2240 lbs.	Tons of 2000 lbs.
First	53	37	1,217	3,107	705	1,931	6,960	1,127	43	1,170	8,130	7,806,676	57,491
Second ..	75	22	897	1,833	479	1,342	4,551	849	27	876	5,427	5,200,261	28,209
Third	55	19	1.630	1,045	204	796	3,675	533	164	697	4,372	3,824,248	327,233
Fourth ..	52	8	2.018	284	42	628	2,972	391	80	471	3,443	2,862,807	166,641
Fifth	70	16	1,619	2,563	394	1,583	6,159	965	205	1,170	7,329	4,924,001	229,026
Sixth	88	19	305	3,153	511	1,547	5,516	947	4	951	6,467	6,653,452	1,322
Seventh ..	82	14	711	2,198	473	1,355	4,737	811	.....	811	5.548	3.910.078	....
Eighth ...	65	36	2,415	1,284	340	1,284	5,323	821	183	1,004	6,327	3,984,219	149,496
Ninth	83	208	2,761	670	221	1,745	5,397	979	36	1,015	6,412	5,294,611	31,900
Tenth ...	77	56	2,685	1,926	244	2,191	7,046	1,279	562	1,841	8,887	7,687,468	441,243
Eleventh .	65	56	2,413	2,344	268	2,164	7,189	1,436	538	1,974	9,163	7,884.526	468,759
Twelfth ..	82	50	1,253	1,948	448	1,757	5,406	1,074	56	1,130	6,536	5.450,741	56,081
Small Country Mines ..	...	...	......	......	.....	......	......	......	.....	......	......	300,000	....
Totals ...	847	541	19,924	22,355	4,329	18.323	64,931	11,212	1,898	13.110	78,041	65.783,088	1,957,401

FIRST DISTRICT

GENERAL SUMMARY FOR THE FIRST MINING DISTRICT FOR THE YEAR ENDING JUNE 30th, 1914.

County	No. of Openings	No. of Persons Killed	EMPLOYEES									Production of	
			Inside					Outside				Coal	Coke
			Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals	Sum Totals	Tons of 2240 lbs.	Tons of 2000 lbs.
Brooke	5	3	81	415	66	140	702	112	...	112	814	564,337	....
Marion	36	24	1,108	1,664	513	1,548	4,833	826	43	869	5,702	5,830,070	57,491
Marshall	7	5	12	662	74	147	895	133	...	133	1,028	929,425	....
Ohio	5	5	16	366	52	96	530	56	...	56	586	482,844	....
Totals	53	37	1,217	3,107	705	1,931	6,960	1,127	43	170	8,130	7,806,676	57,491

OFFICE OF FIRST DISTRICT MINE INSPECTOR.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

Fairmont, August 8, 1914.

DEAR SIR:—As Inspector of Mines in First District of West Virginia, I respectfully submit the following report of the condition and progress of the mines, for the year ending June 30, 1914.

This District embraces all of Brooke, Marion, Marshall and Ohio Counties, a total of fifty-one mines.

Many of the mines in this District are very large, and require from three to six days for one Inspection. Because of the size of the mines and the number of inspections necessary, it is impossible to comply with Section Two of the Mine Law, and make the inspections as often as specified. I have had the hearty co-operation of most of the operators and miners in my work and have found them willing to comply with any suggestions which have been made during the year.

One of the most serious problems that confronts the Inspector in this District is that of the high pressure gas wells that are bored through the mines or in close proximity to them. There is constant danger of the casings giving way, or of the gas working up around the casing and getting into the mine. In most of the mines in my District there are competent fire bosses employed, who are constantly guarding against dangers arising from gases, and the officials are using all due processes to safeguard the men in their employment.

All reports of Inspections, Accidents, etc., have been forwarded to your office for filing and reference. In reporting accidents, fatal or otherwise, I have found the officials and miners generally willing to co-operate with the Department.

In conclusion, I wish to thank all with whom I have had dealings the past year for their courteous treatment, and especially to thank you, as Chief of the Department, for the assistance and counsel which you have given me during the time that I have been Inspector.

Respectfully submitted,

W. B. RIGGLEMAN,
Inspector, First District.

BROOKE COUNTY.

LABELLE IRON WORKS.

STEUBENVILLE, OHIO.

General Office, Steubenville, Ohio.

No. 101. *LaBelle—Shaft.* Located at Steubenville, Ohio, one hundred and ninety-eight feet deep and the developments extend under the Ohio river into Brooke County, West Virginia, operating the Upper Freeport seam of coal, which has a thickness of three and a half feet, with a slate and sand stone roof, which is generally good. In some sections of the mine, they have a large quantity of water to contend with. Drainage good. Ventilation is produced by a sixteen foot fan, which furnishes sufficient air when properly distributed to the working places. In some sections of the mine, explosive gas is liberated in small quantities, generally in slight traces at the faces of a few of the headings. Coal is mined by electric chain machines and hauled exclusively by electric motors. During the past year a great deal of the coal in this mine was worked on the long wall system, which is giving very good results. The law is complied with.

W. D. CRAWFORD, *General Manager,*
Steubenville, Ohio.
R. W. MCCASLAND, *Superintendent,*
Steubenville, Ohio.
GEO. W. HOLLIDAY, *Mine Foreman.*
W. M. YOUNG, *Fire Boss.*
W. M. HAWCROFT, *Fire Boss.*

RICHLAND BLOCK COAL COMPANY.

WHEELING.

General Office, Wheeling.

No. 102. *Beech Bottom—Pittsburgh Seam—Drift.* Located six miles south of Wellsburg, on the P. C. C. & St. L. Railroad. A five foot seam of coal is operated, with a slate roof which is of a dangerous character in some sections, the draw slate varying in thickness from eight to fifteen inches, which has to be taken down or properly timbered to insure safety. In some sections of the mine there is considerable water to contend with. Drainage fairly good. Ventilation is produced by means of two fans, five and six feet in diameter, respectively, and is sufficient when properly distributed. Coal is mined by pick and electric chain machines, with mule and electric haulage. The mine is in good condition, and the requirements of the law are carefully observed.

J. C. MCKINLEY, *General Manager,*
Wheeling.
POOLE LEONARD, *Asst. Gen. Mgr.,*
Wheeling.
HARRY SHARPE, *Superintendent.* FRED MORRIS, *Mine Foreman.*
Wheeling.

WEST VIRGINIA-PITTSBURG COAL COMPANY.

COLLIERS.

General Office, Frick Building, Pittsburg, Pa.

No. 103. *Locust Grove No. 1—Drift.* Located two miles south of Collier Station, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 Seam of coal, average thickness of five feet. The roof is slate and, in some sections varies in thickness from six to ten inches, which must be taken down or properly timbered to insure safety to the miners. In some sections of the mine there is a considerable quantity of water to contend with; drainage fairly good. The coal is principally mined by electric chain machines with mule and electric haulage. This is a coaling station for the P. C. C. & St. L. Railroad and a large amount of the production is used for coaling the engines. The law is fully observed.

H. S. LEWIS, *General Manager,*
Colliers.
R. Z. VIRGIN, *Superintendent,* S. P. STEPHENS, *Mine Foreman.*
Colliers.

WEST VIRGINIA-PITTSBURG COAL COMPANY.

WELLSBURG.

General Office, Frick Building, Pittsburg, Pa.

No. 104. *Gilchrist No. 3—Drift.* Located three miles north of Wellsburg, on the P. C. C. & St. L. Railroad, operating in the Pittsburg No. 8 Seam of coal, thickness five feet, with a slate roof, which, in some sections, is of a dangerous character, especially where the draw slate varies in thickness from six to eighteen inches, which has to be taken down and properly timbered to insure safety. Ventilation is produced by means of a fan, which furnishes sufficient air. In some sections there is considerable water to contend with. Drainage generally good. Coal is mined with electric machines and hauled by electric motors. Laws are complied with.

H. S. LEWIS, *General Manager,*
J. A. SMITH, *Superintendent,* J. A. SMITH, *Mine Foreman.*
Wellsburg.

WEST VIRGINIA-PITTSBURG COAL COMPANY.

WELLSBURG.

General Office, Frick Building, Pittsburg, Pa.

No. 105. *LaBelle No. 4—Pittsburg Seam—Drift.* Located at Wellsburg, on the P. C. C. & St. L. Railroad, operating in a five foot seam of coal. The roof is slate and in some sections is bad, especially where there is a draw slate, which must be taken down or carefully timbered to insure safety. The miners are well supplied with timber and, as a rule, the working places are properly timbered. In some sections there is considerable quantity of water to contend with. Drainage generally good. Ventilation is produced by a fan with fairly good results. The coal is mined by electric chain machines with mule and electric haulage, electric power being furnished by the electric Street Railway Company, five hundred voltage. The wires are properly protected, making it generally safe for the employees. This mine is in good condition, and is operated in accordance with the law.

H. S. LEWIS, *General Manager,*
SAM MCMAHON, *Superintendent,* JOHN MCMAHON, *Mine Foreman.*
Wellsburg.

MARION COUNTY.

CATAWBA COAL COMPANY.

CATAWBA.

General Offices, Connellsville, Pa.

No. 106. *Catawba—Pittsburg Seam--Drift.* Located at Catawba, on the Connellsville Division of the B. & O. R. R. A seven foot seam of high grade coal is mined on the double entry system, undercutting done with picks, no blasting is done by miners. Hauling is done with string teams to top of incline. Shot firing is done under the direction of mine foreman. Natural ventilation is good owing to favorable elevation between main intake and return of air, also timbering is very good, drainage is good. Roof is of a dangerous character, and needs close attention. No gas is liberated and open lights are used. Coal dust is well watered. This mine is operated in compliance with requirements of the law. A new opening was made, about a quarter of a mile south of the old, which is under operation in accordance with the law.

J. J. BUTTERMORE, *General Manager,* U. G. SWISHER, *Mine Foreman.*
Connellsville, Pa.
U. G. SWISHER, *Superintendent,*
Catawba.

CONNELLSVILLE COAL & COKE COMPANY.

MONTANA MINES.

General Office.

No. 107. *Elizabeth—Pittsburg Seam—Drift.* Located one-half mile north of Montana Mines, on the Connellsville Branch of the B. & O. R. R., operating in a 7 foot 6 inch seam of splendid coal, on the double entry system. Undercutting is done with picks, blasting with black powder, and hauling to the incline with string team. Copper tamping bars and needles are used. Shot-firing is directed by the mine foreman. This mine is on the retreat, and all coal taken out is pillar. Roof is of a dangerous nature and needs careful timbering. Timbering and drainage are good. Natural ventilation is good owing to favorable elevation between inlet and return air ways, and as no gases have been detected liberating, open lights are used, mostly carbide. Coal dust is loaded out as far as practical, and what remains is thoroughly watered down. This mine is well managed, in good condition, and operated in compliance with the law.

CLARENCE MALONE, *Superintendent,* G. T. RODEHEAVER, *Mine Foreman.*
Fairmont.

CONSOLIDATION COAL COMPANY.

MONONGAH.

No. 108. *No. 22—Pittsburg Seam—Drift.* Located at Monongah, on the M. R. Branch of the B. & O. Railroad. A seven foot seam of high grade coal is mined on the double entry system, with pick and electric chain machines Blasting is done with black powder and permissible explosives, and coal is hauled with electric motors. Shot firing is directed by mine foreman. Roof is dangerous in some sections of the mine and requires careful timbering. Timbering is well looked after. Drainage is good. The ventilation is satisfactory, being provided by a fifteen foot force fan. The fan and boiler houses are constructed of wood. No gas is liberated. Open lights are used. Coal dust is kept thoroughly wet. This mine is well managed, in good condition, and all the requirements of the law are complied with.

H. H. WATSON, *General Manager,*
Fairmont.
G. E. PEDDICORD, *Superintendent,* CHAS. STRICKLER, *Mine Foreman.*
Monongah.

CONSOLIDATION COAL COMPANY.

MONTANA MINES.

No. 109. *No. 24—Pittsburg Seam—Drift.* Located at Montana, on the Connellsville Branch of the B. & O. R. R., operating in a 6 foot 6 inch seam of fine coal, which is mined on the double entry system, with pick and electric chain machines A large percentage of pillar coal has been mined. Electric motors and endless rope deliver the coal to the tipple.

Black powder is used for blasting, under the direction of the mine foreman and assistant. The roof is bad in some sections, but the timbering is well looked after. Drainage is good. Ventilation is satisfactory, being produced by a twenty foot exhaust fan. No gases are liberated, and open lights are used. Coal dust is loaded out as far as practical and what remains is watered down by exhaust steam in the intake air.

A new haulway is being constructed out of the mine, which will be completed in the near future.

The mine is well managed, and is operated in accordance with the requirements of the law.

H. H. WATSON, *General Manager,*
Fairmont.
THOS. SMITH, *Superintendent,*
Fairmont.
WALTER ROWE, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

FAIRMONT.

No. 110. *No. 26—Pittsburg Seam—Drift.* Located on the M. R. Division of the B. & O. Railroad at Watson. A seven foot seam of excellent coal is mined on the double entry system, with pick and chain machines. About 60 per cent of the coal mined comes from the pillars. Blasting is done with permissible powder, and hauling coal to tipple is done with electric motors. Competent shot firers are employed. The roof is not safe in many portions of the mine, but the timbering is well looked after. The ventilation is produced by a six by twenty feet diameter fire proof, reversible, force fan, and is giving good satisfaction. This mine liberates some gas, but the gas is not allowed to accumulate. Steam is inducted into the intake air, when necessary to moisten the dust. Competent fire bosses are on duty day and night. Open lights are used. Precautionary measures are used by the officials in charge to protect employees against accidents. This mine is in good condition. The law is fully complied with. A spirit of harmony prevails among operators and employees.

H. H. WATSON, *General Manager,*
Fairmont.
JNO. C. RIGGINS, *Superintendent,*
Fairmont.
W. J. DAVIS, *Mine Foreman.*
W. J. MOORE, *Fire Boss.*
LEW LEWIS, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MIDDLETON.

No. 111. *No. 28—Pittsburg Seam—Drift.* Located at Middleton, on the M. R. Branch of the B. & O. Railroad. An eight foot seam of coal is mined with pick and chain machines, on the double entry system. The largest percentage of the coal has been mined from the pillars, and the recovery has been good. Blasting of coal is done with black powder, and hauling to railroad with electric motors. Shot firing is directed by the mine foreman and assistant. Copper tamping bars and needles are used. The roof is unsound in several sections, but careful attention has been given to timbering, and the places made safe for the workmen by this means. Drainage and ventilation are both good, the ventilation being furnished by a twelve foot exhaust fan. Steam is injected into the intake air during the winter months to produce the proper humidity, and what coal dust there is, is watered down. Very little gas is liberated. Mine No. 67 and this are connected, both using the tipple at this mine for dumping the coal. The mine is kept in good condition, and operated in compliance with the law.

H. H. WATSON, *General Manager*,
Fairmont.
RUSH MILLER, *Superintendent*,
Fairmont.
F. E. GIROD, *Mine Foreman*.
CHARLIE BIRCHER, *Fire Boss*.

CONSOLIDATION COAL COMPANY.

MIDDLETON.

No. 112. *No. 36—Pittsburg Seam—Drift*. Located at Middleton, on the M. & R. Branch of the B. & O. Railroad. A seven foot six inch seam is mined on the double entry system. This mine is on the retreat. A large percentage of pillar coal has been recovered. Undercutting of the coal is done with picks and electric chain machines. Blasting with black powder, and hauling to the railroad with electric motors. Blasting of the coal is directed by the mine foreman and his assistant. Copper tamping bars and needles are used throughout the mine. Timbering has received very careful attention, on account of unsoundness of roof in several sections. The drainage is good. A large sump has been completed at third south face. A twelve foot diameter exhaust fan produces the necessary ventilation.

No explosive gases are liberating, and open lights, consisting of about 75 per cent carbide, are being used. This mine is inclined to be wet, due to water entering through robbings. Coal dust is not allowed to accumulate in the working faces, as it is being loaded out, and what remains is being watered by inducting exhaust steam into the intake air.

The requirements of the law are fully complied with, and the mine is in first class condition.

H. H. WATSON, *General Manager*.
Fairmont.
RUSH MILLER, *Superintendent*,
Fairmont.
JOHN O. DAVIS, *Mine Foreman*.
GEO. BUER, *Fire Boss*.

CONSOLIDATION COAL COMPANY.

FAIRMONT.

No. 113. *No. 38—Pittsburg Seam—Shaft*. Located on the Grafton and Wheeling Division of the B. & O. Railroad at Barnesville, operating in a seven foot and six inch seam of excellent coal, on the double entry system. A large percentage of the coal is taken from the pillars. Undercutting is done with pick and electric chain machines, blasting with permissible explosives; the coal is hauled to shaft bottom with electric motors. Roof is unsound in some sections and requires careful timbering.

The timbering is well cared for and the drainage is good. A twenty foot, reversible, force fan gives good ventilation. Gases are liberating, but special care is taken to keep them from accumulating. Coal dust is loaded out, and what remains is watered down by injecting steam into the intake air.

The safety of the men is well looked after, there being five or six openings in the mine, which may be used by the men in escaping. There is a chemical fire engine placed near the shaft bottom for inside fire protection. This mine is in good condition, well managed, and operated in accordance with the law.

H. H. WATSON, *General Manager, Fairmont.*
J. J. BRENNEN, *Suprntendent, Fairmont.*
GENTS RADTKA, *Mine Foreman.*
JOHN JACK, *Asst. Mine Foreman.*
W. GRIFFITH, *Fire Boss.*
H. U. SAPP, *Fire Boss.*
A. THORN, *Fire Boss.*
PHIL KING, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

No. 114. *No. 43—Pittsburg Seam—Slope.* Located at Monongah, on the M. R. Branch of the B. & O. Railroad. A seven foot six inch seam of excellent coal is being operated on the double entry system, of which about 60 per cent was mined from pillars. The coal is undercut with pick and electric chain machines, blasted with permissible explosives and hauled to railroad with electric motors and tail rope. Four competent shot firers are employed. Roof is bad in some sections and needs careful timbering, for safety, which is well looked after, and the drainage of the mine is good. Ventilation is produced by a twenty foot force fan and is ample. An emergency fan is kept in readiness and in good condition. Explosive gases are liberating, but are diluted by ventilation. Analyses of the mine air are made every week by the operating company. This mine is very closely watched by the mine officials. Coal dust is loaded out as far as practicable and what remains is well watered down.

The following improvements have been made: A new shaft has been put down, at the face of the workings of the main heading, properly concreted and a stairway built for the use as a traveling way for the employees and this improves the safety, also the ventilation.

This mine is in good condition, carefully managed and operated in compliance with the law.

H. H. WATSON, *General Manager, Fairmont.*
G. E. PEDDICORD. *Superintendent.*
WALTER BROWN, *Mine Foreman.*
JOS. GREEN, *Mine Foreman.*
A. W. JOHNSON, *Fire Boss.*
LEE SLATON, *Fire Boss.*
C. A. BENNETT, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

SCOTTDALE.

No. 115. *No. 45—Pittsburg Seam—Drift.* Located at Scottdale, on the Connellsville Division of the B. & O. R. R., operating in a seven foot six inch seam of splendid coal, on the double entry system. Undercutting is done with picks and electric chain machines, blasting with black powder, and hauling to railroad with string teams and endless rope. Shot firing is directed by the mine foreman. Roof is unsafe in this mine and needs careful timbering, which is well looked after. Nearly all of the ventilation is natural and is satisfactory, owing to a very favorable elevation between the main intake and return air ways. On fourth right, there has been a four foot Booster fan installed, which makes ample ventilation. No gas is liberated in this time. Open lights are used. A large percentage of the work is pillar robbing, and the recovery of the coal has been good. This is the second year the mine has passed through without having to report the loss of life. The mine is in good condition, and the requirements of the law are complied with.

H. H. WATSON, *General Manager*,
Fairmont.
J. A. COOKE, *Superintendent*, C. E. SWISHER, *Mine Foreman.*
Scottdale.

CONSOLIDATION COAL COMPANY.

MIDDLETON.

General Office, Fairmont.

No. 116. *No. 47—Pittsburg Seam—Drift.* Located at Middleton, on the M. R. Branch of the B. & O. Railroad, operating a seven foot seam, mined on the double entry system. Undercutting is done with pick and electric chain machines. Shot firing is directed by mine foreman and assistant. Ventilation is furnished by a ten foot fan and is ample for all needs when properly distributed. The fan house is constructed of brick. The roof, in some sections, is of a dangerous nature and needs careful timbering to render it safe. Drainage is good. Coal is hauled to side tracks with horses, and to the tipple with electric motors. This mine is well managed, in good condition, and operated in compliance with the law.

H. H. WATSON, *General Manager*,
Fairmont.
RUSH MILLER, *Superintendent*, L. E. HENDERSON, *Mine Foreman.*
Fairmont. CHAS. WERNER, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

No. 117. *No. 63—Pittsburg Seam—Drift.* (Including Shaver No. 1 & 2.) Located at Monongah, on the M. R. Division of the B. & O. R. R. A seven foot six inch seam of first class coal is mined on the double entry system. About 50 per cent of the coal mined was pillar. Undercutting is done with pick and electric chain machines, blasting with black powder and hauling with electric motors. Shot firing is directed by mine foreman. Roof is not safe in some sections of the mine and requires careful timbering to render it safe. Timbering is well looked after, and the drainage is good. Two fans, twelve and six feet diameter, furnish satisfactory ventilation. No gases liberating. There are many holes in the mine where men may pass in and out from all sections, this also helps the ventilation. Open lights are used. Coal dust is not allowed to accumulate, but what little there is, is kept properly watered down. This mine is in good condition, and the requirements of the law are complied with.

H. H. WATSON, *General Manager,*
Fairmont.
G. E. PEDDICORD, *Superintendent,* CHAS. STRICKLER, *Mine Foreman.*
Monongah.

CONSOLIDATION COAL COMPANY.

WATSON.

No. 118. *No. 56—Pittsburg Seam—Drift.* Located on the M. R. Division of the B. & O. Railroad, operating a seven foot three inch seam of high grade coal, on the double entry system with pick and electric chain machines. A large percentage of the coal mined is pillar. Blasting is done with permissible explosives, hauling with electric motors to main turn-out, and thence to railroad with tail rope. Five competent shot-firers are employed. Roof is of a dangerous nature and needs careful timbering for safety. Timbering is good and also the drainage. Ventilation is good, being produced by a thirteen foot blow fan, ample to render all gases, which are liberated, harmless. Steam is inducted into the intake air to water the coal dust properly. Competent fire bosses are on duty day and night. Most of the lights are carbide. An underground sub-station is in operation. A 45 gallon fire engine has been placed inside of the mine ready for use in case of emergency. Overcasts and stoppings are constructed of brick. This mine is in good condition and the requirements of the law are fully observed.

H. H. WATSON, *General Manager,*
Fairmont. F. BROOKS, *Mine Foreman.*
HARRY B. CRANE, *Superintendent.* R. H. KANN, *Fire Boss.*
Fairmont. W. E. MYERS, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

MIDDLETON.

No. 119. *No. 59—Pittsburg—Drift.* Located at Middleton, on the M. R. Branch of the B. & O. Railroad. A seven foot seam of first class coal is mined on the double entry system. This mine is on the retreat. Undercutting is done with pick, blasting with black powder and hauling to railroad with string teams. Copper tamping bars and needles are used. The mine foreman and his assistant direct the blasting of coal. The roof is made secure by taking the loose slate and coal down, still careful timbering is resorted to. Ventilation is good, produced by a twelve foot fan, blowing. Drainage is also good. No explosive gases have been detected liberating, but careful examinations were made of the mine air, to determine as to whether small percentages of gases were liberated, and also to ascertain the percentages of humidity. Mostly carbide lights are used, thereby eliminating the smoke nuisance from oil lights and affording additional protection to miners against roof falls, as carbide gives a much better light than oil.

The requirements of the mining laws are complied with in every respect, due to careful management. The safety conditions are good.

H. H. WATSON, *General Manager,*
Fairmont.
RUSH MILLER, *Superintendent,*
Fairmont.
J. O. DAVIS, *Mine Foreman.*

CONSOLIDATION COAL COMPANY.

MONONGAH.

No. 120. *No. 63—Pittsburg Seam—Drift.* Located at Monongah, on the M. R. Branch of the B. & O. Railroad. A seven foot seam of excellent coal is mined on the double entry system. About 60 per cent of the coal is mined from the pillars. Undercutting is done with pick and electric chain machines, blasting with permissible explosives, and hauling with electric motors. Five shot firers are employed. Ventilation is produced by a twenty foot fan, and is ample for all needs. There are two small fans, about six feet diameter which can be used in case of the big fan being out of commission. Roof is dangerous and needs careful timbering. Timbering and drainage are good. The pit mouth has been concreted for about 100 feet into the mine. Several openings have been made on the left side of this mine, which improved the general safety. Fan house is constructed of brick.

This mine liberates gas at all times, but it is diluted by the ventilation and is rendered harmless. The air is well distributed to all the working sections of the mine. The dust is kept moist during the cold months by th exhaust steam being injected into the intake air. Competent fire bosses are on duty day and night and open lights are used. Precautionary measures are taken to minimize the dangers to employees, exceeding the requirements of the law in many respects, to accomblish this. The condition of this mine is good, and it is managed in compliance with the law.

H. H. WATSON, *General Manager,*
Fairmont.
G. E. PEDDICORD, *Superintendent,*
Monongah.
S. S. DAVIDSON, *Mine Foreman.*
J. T. MARTIN, *Asst. Mine Foreman.*
THOS. TALBOTT, *Asst. Mine Foreman.*
S. J. BOYDAH, *Fire Boss.*
CHAS. KING, *Fire Boss.*
LANNIS LEESON, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

HUTCHINSON.

No. 121. *No. 67—Pittsburg Seam—Drift.* Located at Hutchinson, on the M. R. Branch of the B. & O. Railroad. A seven foot seam of coal is mined on the double entry system, with pick and electric chain machines. They are blasting with both permissible and black powder and hauling the coal to the Chiefton slope with electric motors, and taking it from there to tipple with tail rope. Shot firing is directed by the mine foreman and assistant. The roof is unsound in several sections of the mine, but careful attention is given to timbering. Drainage is good. A twelve foot diameter blow fant urnishes ample ventilation. Carbide lights are used very extensively. The coal dust is kept damp by injecting steam into the intake air, during the winter months. The electric voltage in the mine is 250.

This mine has been connected with the Chiefton mine and all the coal is dumped over the Chiefton tipple. Every precaution is taken by the mine officials to minimize the dangers to their employees, exceeding the requirements of the mining law in many respects, to accomplish this. The conditions of the mine are good, and full compliance with the requirements of the law is maintained.

H. H. WATSON, *General Manager,*
Fairmont.
K. D. BAILEY, *Superintendent,* GEORGE R. COOK, *Mine Foreman.*
Hutchinson. W. F. WOLFE, *Fire Boss.*

CONSOLIDATION COAL COMPANY.

EVERSON.

No. 122. *No. 68—Pittsburg Seam—Drift.* Located at Everson, on the M. R. Branch of the B. & O. Railroad. A seven foot three inch seam of coal of splendid quality is being mined on the double entry system. About eighty per cent of pillar coal is mined. Undercutting is done with pick and blasting with black powder. The coal is hauled with string team to bottom of slope, and from there to railroad with tail rope. Shot firing is done under direction of the mine foreman and assistant. The roof is unsound in several sections of the mine, but timbering is carefully attended to. Ventilation, produced by a twelve foot diameter force fan, is good, also drainage is good. No gases are liberated, and open lights are used. Coal dust is loaded out as far as practicable, but what remains is thoroughly watered down by proper regulation of steam inducted into the intake air. This mine is practically on the retreat, and robbing of pillars has been carried on successfully. Safety conditions are good. Precautions are taken to prevent accidents to employees. Discipline is maintained, and the requirements of the mine laws are complied with.

H. H. WATSON, *General Manager,*
Fairmont.
RUSH MILLER, *Superintendent.* E. C. GRIFFITH, *Mine Foreman.*
Fairmont.

CONSOLIDATION COAL COMPANY.

HUTCHINSON.

No. 123. *No. 84—Pittsburg Seam—Slope.* Located on the M. R. Branch of the B. &O. Railroad, at Hutchinson. A six foot nine inch seam of coal is mined on the double entry system, with electric chain machines. All blasting is done by shot firers with permissible powder, and the coal is hauled to bottom of slope by electric motors, and from there by a chain haul recently installed. In some sections of the mine the roof is unsound and needs careful timbering. Drainage is good. A new fan 20 x 6 feet furnishes ample ventilation. This mine liberates gases, but they are diluted and rendered harmless by ventilation. Competent fire bosses are employed and are on duty day and night. Open lights are used. Steam is injected into the intake air for moistening what little coal dust remains after it has been loaded out. Every precaution is taken by the officials to protect their employees from accidents.

The following improvements have been made during the past year: The steel tipple has been completed, and a new chain haul pulls the coal from the bottom of the slope to the tipple. The slope and manway have been lined with concrete. The bottom of the slope has also been concrete lined, giving ample room for safety of the employees. The condition of the mine is good; the mine is well managed and in every respect operated in compliance with the law.

H. H. WATSON, *General Manager*,
Fairmont.
K. D. BAILEY, *Superintendent*,
Hutcinson.

P. C. VERNON, *Mine Foreman.*
J. J. CARSKADEN, *Fire Boss.*
G. A. BROOKS, *Fire Boss.*

DAKOTA COAL & COKE COMPANY.

SPARLAN.

General Office, Fairmont.

No. 124. *Dakota No. 2—Pittsburg Seam—Shaft.* Located at Sparlan, two miles north of Fairmont, on the Paw Paw Branch of the B. & O. R. R. Depth of shaft is 194 feet. The coal is seven feet four inches thick and of excellent quality. No mining has been done in No. 1 mine, during the past year. Compressed air punchers are used for undercutting the coal, which is blasted with permissible explosives and hauled to the shaft bottom with string teams. One shot firer is employed. The roof is unsound, but the timbering is well looked after. Drainage is well cared for. Ventilation is good. A reversible force fan of twelve feet in diameter is producing ample ventilation. Gases are liberating, but are rendered safe by ventilation. A competent fire boss is employed. Open lights are used. There have been no fatal accidents in this mine the past year, largely due to the precautions exercised by the officials and employees. The requirements of the law are complied with, and the mine is well managed.

EDGAR B. ROWE, *Superintendent*,
Fairmont.
Dakota Mines. R. F. D. No. 2.

W. H. MYERS, *Mine Foreman.*
C. E. SIDWELL, *Fire Boss.*
LEE. FEETY, *Fire Boss.*

FAIRMONT & CLEVELAND COAL COMPANY.

RIVESVILLE.

General Offices, Fairmont.

125. *Parker Run—Drift.* Located one-fourth mile north of Rivesville, on the Monongahela river. The Sewickley seam of coal, of good quality, seven feet thick, is mined on the double entry system. Undercutting is done with compressed air puncher machines, blasting with black powder and hauled to the tipple with string teams. Shot firing is done under the direction of the mine foreman. Roof is unsafe in some sections, and requires careful timbering. Timbering is well done, and the drainage is good. The main heading of this mine was cut through to Parker Run and a new opening made on the other side of Parker Run. A new eight foot Stine fan was installed at the new opening, and also a new sub-station. Two new electric hauling motors have been installed in this mine. Ventilation is furnished by an eighteen foot force fan in the old part of the mine. Just a few traces of gas have been found, and these are rendered harmless by the ventliation of the mine. Open lights are used. Coal dust is watered down by forcing steam into the intake air. The main heading through the old part of the mine has been well timbered through to the new opening. The mine is in good condition. The law is complied with in all respects.

W. E. WATSON, *General Manager.* HAYSE GASKILL, *Mine Foreman.*
C. E. GASKILL, *Superintendent,*
Fairmont.

FEDERAL COAL & COKE COMPANY.

GRANT TOWN.

General Office, Boston, Mass., 111 Devonshire St.

No. 126. *Federal—Pittsburg Seam.* Shaft, located at Grant Town, on the Paw Paw Branch of the B. & O. R., depth 256 feet. An eight foot seam is mined on the double entry system. Undercutting is done with pick and compressed air machines, blasting with permissible explosives, and hauling to shaft bottom with electric motors. Competent shot firers are employed. The roof is of a dangerous nature and needs careful timbering to render it safe. Timbering is well done, and plenty of material is supplied for this work. Drainage is good. Explosive gases are liberated, but are diluted by the ventilating system, and made safe for the men. An eight foot reversible fan furnishes sufficient ventilation for the workings. There is another fan for emergencies, fifteen by six feet. Coal dust is loaded out, and what remains is watered down by injecting steam into the intake air. A safety inspector has been appointed by the officials, who makes a daily report on the condition of the mine, which has been of great benefit in reducing the number of accidents in this mine.

Several compressed air gathering motors have been installed during the past year. Several hundred feet of heavy steel laid on haulway. This mine is in good condition throughout, and is operated in compliance with the law. There is a hearty co-operation between the Mine Department and the mine officials.

J. W. Devison, *Superintendent,*
Grant Town.

J. M. McKenna, *Mine Foreman.*
Jas. Dulin, *Asst. Mine Foreman.*
Ed. Winning, *Asst. Mine Foreman.*
H. Nichols, *Fire Boss.*
W. M. Powell, *Fire Boss.*
David Davis, *Fire Boss.*
Mat Conners, *Fire Boss.*
Jas. Murphy, *Safety Inspector.*
A. J. Powell, *Fire Boss.*
Harry Marsten, *Fire Boss.*

FOUR STATES COAL & COKE COMPANY.

Worthington.

General Office, Pittsburg, Pa., No. 412, Frick Building.

No. 127. *Annabelle.* Located three miles west of Worthington, on the M. R. Branch of the B. & O. Railroad, shafts, each 304 feet deep, sunk to the bottom of the Pittsburg coal seam, which is eight feet, six inches thick, and of an excellent quality. About seven feet of this coal is being mined. A thirty-five foot reversible force fan furnishes ample ventilation. This mine liberates gas, but it is diluted by the air in circulation and is rendered harmless. The mine is ventilated by the air splitting system. Coal dust is loaded out, and what remains is watered down by injecting steam into the intake air. The roof is dangerous in some sections, and demands close attention to timbering. Timbering and drainage are good. Shot firers and fire bosses are both employed, and permissible explosives are used for blasting. Locked safety lamps are used exclusively.

The fan house and all other buildings around the mine are constructed of brick. The machinery is properly installed and well looked after, every precaution being taken to prevent accidents. The mine is kept in good condition, and is operated in compliance with the law.

E. F. Miller, *General Manager,*
Worthington.
W. J. Wolf, *Superintendent.*

F. E. Williams, *Mine Foreman.*
Geo. Stannard, *Fire Boss.*
Jas. Taylor, *Fire Boss.*
T. T. Hay, *Fire Boss.*

HARRY B. COAL COMPANY.

General Office, Fairmont.

No. 128. *Harry B. Nos. 5 & 6—Pittsburg Seam—Drifts.* Located one and one-quarter miles southwest of Everson, on the M. R. Division of the B. & O. R. R., mines are on the retreat. A seven foot seam of first class coal is mined, on the double entry system, with pick, blasted with black powder, and hauled to railroad with string teams. Shot firing is directed by mine foreman. Roof is dangerous in some sections and requires careful timbering, which is well done, and the drainage is fair. Natural ventilation gives good results. Coal dust is loaded out, but what remains is properly watered down. Mine No. 2 has been idle since May 24th, 1912. Proper precautions are taken by the management to prevent accidents to employees, and none are reported.

This mine is well managed, and operated in compliance with the requirements of the laws.

HARRY B. CLARK, *General Manager*,
Fairmont.
J. A. CLARK, JR., *Superintendent*, HENRY SAUNDERS, *Mine Foreman.*
Fairmont.

HARRY B. COAL COMPANY.

EVERSON.

General Office, Fairmont.

No. 128-a. *Junior—Pittsburgh Seam—Drift.* Located one mile southwest of Everson, on the M. R. Branch of the B. & O. R. R., operating an eight foot seam on the double entry system. Blasting is done under the direction of the mine foreman, with black powder. The coal is hauled to the railroad with string teams. The roof is of a dangerous character, and must be carefully timbered to render it safe. Natural drainage is good. A new six foot fan has been installed during the past year, and the result is good ventilation. No gases are liberated. Owing to light cover the mine is inclined to be wet, and no dust accumulates. There are no buildings close to the mine opening that might render a fire dangerous. The management of the mine uses every precaution to prevent accidents, and the law is complied with.

HARRY B. CLARK, *General Manager*.
J. A. CLARK, JR., *Superintendent*, H. C. SAUNDERS, *Mine Foreman.*
Fairmont.

JAMISON COAL & COKE COMPANY.

BARRACKVILLE.

General Office, Fairmont.

No. 129. *No. 7—Pittsburg Seam—Shaft.* Located one-half mile west of Barrackville, on the Grafton & Wheeling Division of the B. & O. R. R., operating a nine foot seam on the double entry system. Undercutting is done with compressed air punching machines, blasting with permissible powder and hauling to shaft bottom with compressed air locomotives. Three competent shot firers are employed on day, and two on night shift. Roof is unsound and must be carefully timbered to render it safe for the miners. Timbering and drainage are good. Two ten feet diameter force fans produce ample ventilation. Steam is injected into the intake air to water down the coal dust. Gases are liberating, but they are diluted and rendered harmless by ventilation. Locked safety lamps are used exclusively. Fire bosses are on duty night and day.

The ventilation in this mine has been much improved during the past year by the installation of a large number of permanent stoppings. The output of this mine has been increased almost to the maximum capacity, which is about 3,000 tons per day. All buildings are constructed of brick, and all the machinery is of the best type. This mine is one of the large coal producers of this state, and is well managed, and is being operated in compliance with the law.

M. W. Head, *Gen'l. Supt.*
Fairmont.
O. E. Hughes, *Superintendent,*
Barrackville.

Samuel Hale, *Mine Foreman.*
R. E. Strouse, *Fire Boss.*
J. M. Hines, *Fire Boss.*
W. D. Lewis, *Fire Boss.*
E. Boles, *Fire Boss.*
Ben. Powell, *Fire Boss.*
A. E. Kirk, *Fire Boss.*

JAMISON COAL & COKE COMPANY.

Farmington.

General Office, Fairmont.

No. 130. *No. 8—Pittsburg Seam—Shaft.* This mine was formerly the George's Creek Coal & Iron Company's mine, located at Farmington, on the Grafton & Wheeling Division of the B. & O. R. R., is 255 feet to the coal, which is eight feet six inches thick, of excellent quality and mined on the double entry system. Undercutting is done with pick and compressed air punchers. Blasting with permissible explosives is done by shot firers. The coal is hauled to the shaft bottom with compressed air locomotives. The roof is unsound in several sections, but timbering is very good. The drainage is good. Ventilation is good in this mine, being produced by a twenty-two foot force fan, and is well distributed to all sections of the mine. Coal dust is loaded out, and what little remains is watered down by steam injected into the intake air. Locked safety lamps are used exclusively. Gas is liberated, but the ventilation is generally sufficient to render it safe. Five competent fire bosses are employed.

The ventilation of this mine was considerably improved during the past year by the installation of a large number of solid stoppings. The landing in the shaft has been improved by lining walls and ceiling with brick. The machinery and appliances are extra good. The mine is well managed, and the requirements of the mine law are complied with.

M. W. Head, *General Superintendent,*
Fairmont.
L. W. Cooper, *Superintendent.*
Farmington.

M. E. Quenon, *Mine Foreman.*
W. E. Hall, *Fire Boss.*
Ed. Capit, *Fire Boss.*
Wm. Leeper, *Fire Boss.*
Morgan Leeper, *Fire Boss.*
Walter Bennett, *Fire Boss.*
John McNeil, *Fire Boss.*
F. G. Lough, *Fire Boss.*

JAMISON COAL & COKE COMPANY.

FARMINGTON.

General Office Fairmont.

No. 131. *No. 9—Pittsburg Seam—Shaft.* Located two miles north of Farmington, on a branch of the B. & O. R. R., on the Wheeling-Grafton Division, depth is 322 feet to the bottom of coal, which is eight feet six inches thick and of first class quality. The coal is mined on the double entry system, undercut with compressed air punchers, blasted with permissible explosives and hauled to the bottom with compressed air locomotives. Satisfactory ventilation is produced by a twenty-three foot diameter force fan. Moisture in the mine workings is well maintained, is in compliance with the requirements of the law, by forcing steam into the intake air. Gases are liberating, but not accumulating. Locked safety lamps are used exclusively. Competent shot firers are employed. Fire bosses are on duty day and night.

The machinery and appliances are of high grade type. The mine has been cleaned and placed in a fine working condition during the past year. The mine is well managed, and the law is closely observed.

M. W. HEAD, *General Superintendent*
Fairmont.
P. D. COSTELO, *Superintendent,*
Farmington.

MIKE O'BRIAN, *Mine Foreman.*
THOS O'BRIAN, *Fire Boss.*
J. A. PARISH. *Fire Boss.*
JOE NAVAGE, *Fire Boss.*
JOHN O. KING, *Fire Boss.*

KILARM COAL & COKE COMPANY.

MONONGAH, R. F. D. No. 8.

General Office, Connelsville, Pa.

No. 132. *Kilarm Nos. 2 & 3—Pittsburg Seam—Drifts.* Located at Kilarm, two files southwest of Everson, on the M. R. Division of the B. & O. Railroad. A seven foot seam of high grade coal is mined on the double entry system. The coal is undercut with pick blasted with black powder and hauled to railroad with string teams. Shot firing is done under direction of mine foreman. Roof is unsound in some sections and requires careful timbering to render it safe for the men. Timbering is well looked after, and the drainage is good. Natural conditions and a small fan produce ample ventilation. No explosive gases are given off. Open lights are used, which consist mostly of carbide. Coal dust is not allowed to accumulate and, what little there is, is watered down. The necessary precautions are taken by the officials to prevent accidents. The mine is an old one, nearly all of the coal is pillar and is nearly finished.

C. E. ZEEK, *Superintendent.*
Monongah, R. F. D. No.

L. F. RICKARD, *Mine Foreman.*

MANLEY & ZEEK.

MONONGAH.

No. 133. *Manley & Zeek—Pittsburg Seam—Drift.* This mine employs about eight men. Coal seven feet thick. Ventilated by a furnace.

F. O. MANLEY, *Superintendent.* H. SAUNDERS, *Mine Foreman.*

McCOY COAL COMPANY.

FAIRMONT.

No. 134. *McCoy—Pittsburg Seam—Drift.* Located in Fairmont, operating in an eight foot seam of coal, pick mined and hauled by tail rope to tipple. Natural ventilation is good, very little water to contend with, drainage good. Roof is unsafe and needs carful timbering to render it safe. The entire product of this mine is used by local trade, being distributed by teams. This mine is worked in the winter months only, and employs from two to six men.

ERNEST McCOY, *President.*

NEW CENTRAL COAL COMPANY.

BAXTER.

General Office, Fairmont.

No. 135. *Stafford—Pittsburg Seam—Shaft.* Located at Baxter, on the Paw Paw Branch of the B. & O. Railroad, operating in an eight foot six inch seam of first class quality, at a depth of 256 feet, on the double entry system. The coal is mined with pick, compressed air chain and puncher machines, blasted with permissible explosive and hauled to bottom with compressed air locomotives. This system of hauling is economical and proving very satisfactory. Roof is of a dangerous character in some sections of the mine and needs very careful timbering to preevnt accidents. Timbering is carefully looked after and is good in all sections of the mine. As there is very little water in the mine, drainage is a minor problem. Ventilation is very good, being supplied with a reversible force fan, of sixteen foot diameter. Explosive gases are liberated, but the necessary precautions are taken to render it harmless by ventilation. Competent fire bosses are on duty day and night, exchanging sections every other week, to guard against oversight by these bosses. Locked safety lamps are used exclusively. Coal dust is loaded out and what remains is watered down by forcing the exhaust steam into the intake air. The mine is in good condition, and the law is fully complied with.

DUNCAN SINCLAIR, *Gen. Mgr. & Supt.* THOMAS GLEASON, *Mine Foreman.*
Fairmont. STEVE SHANDOR, *Asst. Mine Foreman*
JOHN HONIAK, *Asst. Mine Foreman.*
JOHN SANDERS, *Fire Boss.*
J. E. WATSON, *Fire Boss.*
D. L. DEAN, *Fire Boss.*

THE PHILLIPS COAL COMPANY.

BENTON'S FERRY.

General Office, Fairmont, No. 619 Jamison St.

No. 136. *Phillips—Pittsburg Seam—Drift.* Located on the Grafton & Wheeling Division of the B. & O. Railroad, operating an eight foot seam on the double entry system. The coal is pick mined, blasted with black powder and hauled with string team to upper terminal of an aerial bucket line and thence conveyed to railroad over the latter. Shot firing is directed by the mine foreman. Roof is unsafe and needs careful timbering. Drainage and timbering are good. Ventilation is produced by a five foot fan and is satisfactory. Coal dust is loaded out and what remains is watered down. No gases are liberated and open lights are used. This mine is in good condition and operated in compliance with the law.

JAMES PHILLIPS, *General Manager*, RUSSEL WILT, *Mine Foreman.*
Fairmont.

ROBINSON COAL COMPANY.

FAIRMONT.

General Office, Fairmont, No. 418 Merchant St.

No. 137. *James—Pittsburg Seam—Drift.* Located about two miles east of Fairmont, on the Grafton and Wheeling Division of the B. & O. Railroad. A seven foot seam is being worked on the double entry system, undercutting the coal with picks, blasting with black powder and hauling to the railroad with string teams. Shot firing is directed by the mine foreman. A furnace is used in this mine for ventilation and produces satisfactory results. Drainage is reasonably good. Owing to light cover, the mine is thoroughly wet at all times and no dust accumulates. There are no explosive gases liberating in this mine, and open lights are used. Roof is unsound in some sections and needs careful timbering, which is well looked after. This mine is well managed and is in good condition, with the exception of the drainage.

CLARENCE D. ROBINSON, *Gen. Mgr.*,
418 Merchant St., Fairmont.
PEAT HARKER, *Superintendent*, P. HARKER, *Mine Foreman.*
Fairmont.

THE VIRGINIA & PITTSBURG COAL & COKE COMPANY.

FAIRMONT.

General Office, Fairmont.

No. 138. *Kingmont—Pittsburg Seam—Drift.* Located at Kingmont, on the Grafton & Wheeling Division of the B. & O. R. R., and is operated in a nine foot seam, on the double entry system. A large percentage of this mine is pillar coal. The undercuting is done with pick and blasting with black powder. Electric motors haul the loaded cars to main turn-out, and from there a tail rope delivers them to railroad. Shot firing is directed by mine foreman and assistants. A sixteen foot exhaust fan gives good ventilation. There are a large number of openings in this mine, which aid ventilation and add to the safety of the men. There is a fire boss employed, but no gas is liberated. Carbide lights are used to a great extent. This mine is inclined to be a damp mine, and the coal dust gives no trouble. Roof is bad in some sections and needs careful timbering, but the timbering is well looked after. Drainage is satisfactory. A new brick engine house is being erected. The fan house is constructed of brick. The mine is operated in a safe manner, and the requirements of the law are complied with.

R. M. HITE, *Superintendent*,
Fairmont.

WM. JARRETT, *Mine Foreman*.
W. R. WILT, *Asst. Mine Foreman*.
JOHN BROWN, *Fire Boss*.
CHAS. RUTHERFORD, *Fire Boss*.

THE VIRGINIA & PITTSBURG COAL & COKE COMPANY.

FAIRMONT.

General Office, Fairmont.

No. 139. *Morgan—Pittsburg Seam—Drift*. Located one and one-fourth miles north of Rivesville, on the Monongahela river. The seam is from seven to nine feet thick and of good grade, mined with picks, blasted with black powder and hauled to railroad with string teams. Shot firing is directed by the mine foreman. Roof is unsound in some sections and needs careful timbering for safety. Drainage is good. Ventilation is produced by a twelve foot reversible fan and is satisfactory. Open lights are used. No explosive gas is liberated. Coal dust is loaded out as far as practical, but what little remains is thoroughly saturated by forcing exhaust steam into the intake air. This mine is well looked after and is operated in compliance with the law.

R. M. HITE, *General Manager*,
***Fairmont*.**
M. C. HITE, *Superintendent*,
Rivesville.

C. L. LAREW, *Mine Foreman*.
CHAS. COX, *Mine Foreman*.

MARSHALL.

BEN FRANKLIN COAL COMPANY.

MOUNDSVILLE.

General Office, Freeport, Pa.

No. 140. *Panama—Shaft*. Located one-half mile south of Moundsville, on the B. & O. Railroad, operating in the Pittsburg seam, which has a thickness of five feet eight inches, with a slate roof, which in some sections is of a dangerous character and has to be well timbered to insure safety. The miners are well supplied with timber and, and as a rule, the working places are properly timbered. There is but little water to contend with;

drainage good. Explosive gas is liberated in practically all of the headings. Ventilation is produced by a twenty foot fan, which furnishes sufficient air if the air ways are kept properly open, so that the air is not obstructed by falls of slate. Coal is mined by electric chain machines and hauled by electric motors. In the last year there has been a new cage installed in the air shaft, which puts this mine in compliance with the law.

M. M. McQuade, *General Manager.* C. E. McCabe, *Mine Foreman.*
Harry Delaney, *Fire Boss.*

GLENDALE COAL COMPANY.

Glendale.

No. 141. *Glendale—Pittsburg, Seam—Shaft.* Located at Glendale, on the B. & O. R. R., operating in the Pittsburg seam, which has a thickness of five feet eight inches, with a slate roof which, in some sections, is bad, especially where there is a draw slate varying in thickness from eight to eighteen inches, which has to be taken down or properly timbered to insure safety to the miners A new air shaft has been sunk, at the extreme workings of the mine, wihch improves the ventilation, which is furnished by a force fan and is sufficient for all working places. The roof along main haulway is of such a composition that the air decomposes it and it is continually falling. There is considerable water to contend with, but the drainage is generally good. Coal is mined by electric mine machines with mule and electric motor haulage. The mine officials show a willingness to co-operate with the Mine Department, and comply with the requirements of the law.

W. H. Koch, *General Manager,*
Benwood.
E. C. Pickett, *Superintendent,* W. F. Ash, *Mine Foreman.*
Benwood.

HITCHMAN COAL & COKE COMPANY.

Wheeling.

No. 142. *Hitchman—Slope.* Located at Hitchman, near Benwood, on the main line of the B. & O. Railroad, operating the Pittsburg No. 8 seam, which varies in thickness from four feet ten to five feet eight inches, with a slate roof, which in some sections is of a dangerous character, especially where the draw slate varies in thickness from six to fifteen inches, which must be taken down or well timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. The mine officials give close attention to the timbering of the working places and it is very seldom a serious or fatal accident occurs in this mine. The ventilation is produced by a small fan, which gives very fair results. As this mine is developing rapidly, it will be but a short time until the company will have to enlarge the system of ventilation. There is but little water to contend with in this mine. Drainage is good. Some gas is liberated, but the ventilation dilutes and renders it harmless. There are fire bosses employed, who give special attention to the sections liberating gas. Coal is mined by electric mine machines with mule and electric haulage. The General Manager and Superintendent take great interest in the safety of their employees and are ready at all times to co-operate with the Mine Department in all matters that will insure safety of their men.

W. H. KOCH, *General Manager, Benwood.*	MIKE FREEMAN, *Mine Foreman.*
E. C. PICKETT, *Superintendent, Benwood.*	WM. ACKERMAN, *Fire Boss.*
	CHAS. ESSIG, *Fire Boss.*

KUNTZ BROTHERS & MILLER.

WHEELING.

No. 143. *Bogg's Run—Drift.* Located at the north end of Benwood, operating the Pittsburg seam, which has a thickness of five and a half feet, with a slate roof that must be well timbered to insure safety of the miners. Ventilation is produced by a twelve foot fan, which furnishes sufficient air for for the number of persons employed, which vary in number from six to ten miners, as the work consists of drawing pillars. The product of the mine is consumed by local trade and delivered by teams.

PHILIP KUNTZ, JR., *Superintendent. Wheeling.*	EUGENE MILLER, *Mine Foreman.*

MOUND COAL COMPANY.

MOUNDSVILLE.

General Offices, Wheeling.

No. 144. *Mound—Shaft.* Located at Moundsville, operating the Pittsburg No. 8 seam, which has a thickness of five feet four inches, with a slate roof, which has to be properly timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. Ventilation has been improved during the past year considerably, but the airways are still obstructed with falls of slate in a few places. There has been a booster fan installed to assist the main fan, which is a sixteen foot force. These two fans furnish sufficient ventilation for the mine, when the air is properly distributed. Gas is liberated in some sections, but the ventilation dilutes and renders same harmless. There is a large area of old workings in this mine, which has been sealed off from the main workings and a bore hole put down from the surface for the purpose of an outlet for any accumulations of explosive gas in the worked out sections. There is but little water to contend with and the drainage is good. Coal is mined by electric mine machines; mule and electric haulage. This is an old mine and has required considerable expense to place it in good condition, but the officials are accomplishing the desired results. The officials show a willingness to co-operate with the mine department, and to fulfill the requirements of the law.

J. C. McKINELY, *General Manager, Wheeling.*
JOSEPH VIRGIN, *Superintendent, Moundsville.*
G. R. WADDELL, *Mine Foreman.*
FRANK KLEGG, *Fire Boss.*
ED. KECHKA, *Fire Boss.*

PARR'S RUN COAL COMPANY.

MOUNDSVILLE.

No. 145. *Parr's Run.* Located on Parr's Run, one mile east of Moundsville, shaft, 410 feet in depth, operating the Pittsburg seam, which has a thickness of six feet with a slate roof, which in some sections is bad and of a dangerous character and has to be given close attention and must be properly timbered to insure safety to the miners, especially where the draw slate varies in thickness from six to twenty-four inches. There is but little water to contend with; drainage is good. Ventilation is furnished by a force fan, is properly distributed and in sufficient quantity. Explosive gas is liberated in the advance headings.

Timbering in this mine receives special attention and is extra good throughout the mine. There has also been a stairway put in the air shaft for use of employees in case of accident, which puts this mine in compliance with the law.

H. W. HUNTER, *General Manager, Moundsville.*
A. C. HUNT, *Superintendent, Moundsville.*
J. W. MEREDITH, *Mine Foreman.*
J. W. MEREDITH, *Fire Boss.*

WHEELING STEEL & IRON COMPANY.

WHEELING.

No. 146. *Benwood—Drift.* Located at Benwood, on the B. & O. Railroad, operating the Pittsburg seam, which has a thickness of five and a half feet, with a slate roof, which in some sections is bad, especially where there is a draw slate, which varies in thickness from six to eighteen inches, which has to be taken down or properly timbered to insure safety. The miners are well supplied with timber and, as a rule, working places are properly timbered, as the mine foreman gives close attention to the timbering, as well as to all other conditions that might be considered dangerous to the employees. Ventilation, produced by a twelve foot fan, is sufficient and is well distributed. Drainage good. With the exception of some pillar work, coal is mined with electric chain machines; electric motor haulage. The law is well observed, as the officials co-operate with the Mine Department.

CHALKEY DAWSON, *Gen. Mgr. & Supt., Wheeling.*
R. E. ROUSH, *Mine Foreman.*

OHIO.

W. F. CREIGHTON.

ELM GROVE, R. F. D. No. 1.

No. 147. *Creighton—Slope.* Located one mile east of Elm Grove, operating in the Pittsburg seam, which has a thickness of five feet, with slate roof that has to be properly timbered to insure safety There is but little water to contend with; drainage good. Ventilation is produced by a fan located at the Elm Grove shaft, these two mines being connected by a heading, which is used for the intake air way and traveling road for the employees at the Elm Grove mine. This is a very small development, employing from four to ten persons, the entire product being consumed by local trade, delivered by teams. Coal is mined by electric machine; power is furnished by the Electric Street Railway Company.

W. F. CREIGHTON. *Superintendent.* FRANK BURDETTE, *Mine Foreman.*

ELM GROVE COAL COMPANY.

General Office, Elm Grove.

No. 148. *Elm Grove—Shaft.* Located at Elm Grove, on the B. & O. Railroad, operating the Pittsburg No. 8 seam, which has a thickness of four to five feet. The roof is slate and, in some sections, is bad and must be well timbered to insure safety to the miners. The mine is practically dry. Drainage good. Ventilation is produced by a ten foot fan, but the system fails to meet the requirements of the law, due to the lack of solid stoppings; these are being installed and it will then be sufficient. Coal is mined by electric chain machines and hauled by mule and electric motor. Electric power is furnished by the Electric Street Railway Company. The voltage is 500. This mine is connected with the Creighton which will be used as a second opening for the men to travel in case of an accident to the main shaft. The main haulway has been much improved by retimbering.

J. B. CHAMBERS, *Superintendent.* PETER LOWTHER, *Mine Foreman.*

RICHLAND COAL COMPANY.

WHEELING.

No. 149. *Richland—Drift.* Located two miles north of Wheeling, on the P. C. C. & St. L. Railroad, operating the Pittsburg No. 8 seam which has a thickness of five feet 3 in. The roof is slate and in some sections is of a dangerous character, especially where there is a draw slate that has to be taken down or the working places properly timbered to insure safety. There is but little water to contend with. Drainage is good. Ventilation has been improved very much in this mine by moving the fan to a new opening at the extreme end of workings and placing another fan in the mine near the air shaft. The coal is mined with electric mine machines; mule and electric motor haulage. Electric power is furnished by the Wheeling Traction Company. The law is carefully observed in this mine.

J. C. McKINLEY, *General Manager.*
Wheeling.

POOLE LEONARD, *Asst. Gen. Mgr.* *Wheeling.*	E. S. WADE, *Mine Foreman.*
	CHAS. AIKENS, *Asst. M. F.*
L. W. BROWN, *Superintendent.* *Wheeling.*	TOM REDMAN, *Asst. M. F.*
	W. M. YOUNG, *Asst. M. F.*

PETER STORCH & SONS COMPANY.

EDGINGTON LANE (VIA WHEELING.)

No. 150. *Storch—Drift.* Located at Edgington Lane, three mile east of Wheeling, operating the Pittsburg No. 8 seam, which has a thickness of five feet, with a slate roof that must be properly timbered to insure safety; drainage good. Ventilation is produced by means of a furnace, which gives poor results. The mine is operated on a cheap scale, having been in operation for the past forty-seven years. During the summer months, from one to two miners are employed and, in the winter season, six to ten. The entire product of this mine is consumed by local trade. A new electric chain machine was added to the equipment in this mine during the past year. The coal is hauled by mules.

GEORGE STORCH, *Superintendent.* JOHN STORCH, *Mine Foreman.*
Wheeling.

WHITAKER-GLESSNER COMPANY.

WHEELING.

No. 151. *Carter—Pittsburg Seam—Drift.* Located at East Wheeling, on the Wheeling and Lake Erie Railroad, operating in a seam four feet and ten inches in thickness. The roof is slate and must be properly timbered to insure safety. Ventilation is produced by a fan and is sufficient for the number of employees, when properly distributed. Coal is mined by electric chain machines; mule and electric motor haulage. During the year a slope was put down on the extreme end of the property connecting with the main haulage way, which made a great improvement in the system of drainage and ventilation. The law is complied with.

W. H. KASLEY, *Gen. Mgr. & Supt.* W. E. McGLOME, *Mine Foreman.*

SECOND DISTRICT

GENERAL SUMMARY FOR THE SECOND MINING DISTRICT FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,400 lbs.	Tons of 2,000 lbs.
Harrison	70	21	851	1,773	463	1,324	4,411	819	15	834	5,245	5,073,832	17,649
Lewis	2	1	30	.....	...	10	40	10	...	10	50	28,956	....
Upshur	3	..	16	60	16	8	100	20	12	32	132	97,473	10,560
Totals	75	22	897	1,833	479	1,342	4,551	849	27	876	5,427	5,200,261	28,209

CLARKSBURG, August 10th, 1914.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston, W. Va.

SIR:—In compliance with section 3 of the law, which created the Department of Mines of the State of West Virginia, I herewith submit to you my Annual Report for the year ending June 30th, 1914, as District Mine Inspector for the Second Mining District of West Virginia. This district is composed of the following coal producing counties, viz: Harrison, Lewis, and Upshur.

The counties adjoin each other and are centrally located in the state. All of them are underlaid with valuable seams of coal, which vary in thickness as well as value. The commercial mines operating in these seams, market the product for gas, steam, domestic or coking purposes. The famous Pittsburgh seam, however, is the one chiefly operated in this district, the value of this seam being known the world over for all of the above named purposes.

The most important section of the Second Mining District at this time, is that of Harrison county, and the greatest coal mining center in the district is the city of Clarksburg. A large number of commercial coal mines are grouped around the above named city, all operating in the Pittsburgh seam of coal. From this point the coal is shipped to the consumers, the principal market being the Great Lakes in the northwest.

The past year has not been an active one in the production of coal from this district. The demand for coal was not so general as heretofore, and prices were not at all satisfactory, to those engaged in the coal business, during a larger portion of the year, and they were more or less unstable the entire year, due, I presume, to the inactivity of industrials in general.

This district was free from disturbing elements, such as strikes, or disasters, such as explosions or mine fires, resulting in large loss of life, during the past year. Quite a large majority of the coal mines in this district are equipped with electricity or some other mechanical method of cutting, handling and hauling the coal, and the roof is of a dangerous character, generally speaking, if not very promptly, properly and carefully timbered. We have, therefore, all the dangers incident to coal mining to contend with, and to those who are familiar with the conditions in this district, the record of accidents, both fatal and non-fatal, during the past year is not discouraging.

The matter which gives the operators, mine officials and inspector in this district the most concern in the prevention of wholesale loss of life and destruction of property, is that of the numerous gas wells, which penetrate mining properties and standing blocks of coal in operating coal mines. The importance of legislation governing this condition has consistently been pointed out for the past five consecutive years by the inspector of this district in his annual report, yet it appears that his efforts have not attracted the attention that, in his judgment, they deserve. I cannot refrain, however, from again emphasizing the importance of legislation relative to this matter. However, during the past year, by mutual co-operation, we have been successsful in preventing disasters from this source. This was done by taking extraordinary precautions not required by law, which should be enacted into a law. The latent and grave character of this danger can only be appreciated by those who have had experience with it. I am hoping, however, that my persistence has not been in vain and that our law making bodies will very soon enact a law prescribing conditions of protection to life and property along this line.

I am pleased to report that I have had the co-operation of the miners, mine officials, and operators, during the past year, with very few exceptions, in the discharge of my official duties in having the law complied with. These few obstinate cases were successfully handled without being compelled to resort to legal proceedings, which was very satisfactory and pleasant to me.

The mines, as a rule, in this district, are well managed in compliance with approved mining practices. The development in some is very large by reason of being operated for several years, while perhaps but few men are employed on the inside, yet by reason explained elsewhere in this letter, it is highly important that all abandoned sections be carefully examined by the inspector. The law governing ventilation, safety, etc., is being complied with throughout the district as far as I know at this time.

All reports of accidents, which happened in this district, and of inspections made by me during the past year, have been forwarded to your office.

All new mines opened in the district during the past year, you will find described under the head of "Conditions of Mines in the Second District", enclosed herewith. Also all important improvements made at the different mines.

By reason of the number of mines in this district and the numerous reports, correspondence, etc., necessary and important, in connection with the duties of the inspector, it is physically impossible for him to comply with section 1 of the State Mine Law, relative to the number of visits, etc.

In conclusion, I desire to thank the many intelligent miners, mine officials and mine operators, who have manifested an interest with me to prevent accidents and have the law complied with, and for the many other kindnesses which they have extended to me. I desire here to assure them of my full appreciation of the same and that they have my best wishes for their future health and prosperity.

I am also indebted to you personally for assistance and advice promptly rendered, and the interest taken in having prompt compliance with the recommendations which I deemed necessary to make during the past year, also for courtesies from your hands.

Yours very truly,

FRANK E. PARSONS,
Inspector Second District.

HARRISON.

BARNARD COAL COMPANY.

CLARKSBURG.

General Office, Baxter.

No. 201. *Burk—Drift—Incline.* The location is one and one-half miles east of Clarksburg, on the Grasselli Branch off of the Parkersburg Branch of the B. & O. Railroad, opened up and the development made on the double entry system. This mine has been closed down during the latter part of the inspection year. The ventilating current was produced by a fire basket and numerous holes to the outcrop. The roof is of the usual character which overlies the Pittsburgh seam in this region, and requires very careful timbering. No gas liberates from the coal. The drainage is as good as the average in the mines of this character which are mining outcrop coal. The coal was undercut by picks and principally dislodged with the same implement, as but very little blasting was done. The explosives used were all permissibles. Coal was gathered and hauled from the working faces to the head of the plane by horses and mules; from there it was lowered to the tipple by traction and dumped into the railroad cars. The inspector was compelled to use insistence to have proper observance of the state mining law. With the present conditions, the capacity of this mine could not exceed 100 tons daily, with a full force of men.

GEORGE PHILLIPS, *General Manager.* PAT DONLEY, *Mine Foreman.*

BLUE RIDGE COAL COMPANY.

LUMBERPORT.

General Office, Clarksburg.

No. 202. *Thompson—Pittsburgh Seam—Drift.* Located eleven miles north of Clarksburg, at Lumberport, on the Short Line Division of the B. & O. Railroad, opened up on the double entry system. The ventilation was formerly produced by a small Buffalo fan of the disc type, but during the past year, by reason of several outcrop holes and other natural conditions favorable to natural ventilation, this fan has been run very irregularly. The ventilation is good. No gas has ever been found in this mine, yet, during the past year in developing one of their working rooms, they cut into and exposed the casing of a high pressure gas well. This place was concreted off and a careful watch over same is being maintained by the mine foreman, as per the instructions of the inspector. This mine is examined by him with a safety lamp before the men are permitted to enter for the purpose of working therein. The roof is of the usual character in the major part of the mine workings. Near the outcrop, however, it is very bad and requires very careful timbering to prevent accidents. The water is handled by syphons and the working places are kept well drained. The coal is undercut by picks, gathered and hauled to the drift mouth, by horses and mules, where it is dumped into a wooden chute, which conducts it to the railroad cars. This property is being operated by a receiver, with a small force of men only, during the entire year. State mine laws are being observed. With a full force of men and with proper equipment, this mine is capable of producing 500 tons daily.

D. HOWARD, *Receiver.*
U. B. BLAKESMITH, *Superintendent.* J. S. BLAKESMITH, *Mine Foreman.*

BYRON COAL COMPANY.

MT. CLARE.

General Office, Clarksburg.

No. 203. *Althea—Pittsburgh Seam*—Drift. Located seven miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. The opening and development are on the double entry system. The ventilating current is produced by a disc fan with steam connections. This fan has been installed during the past year and is much more efficient than the former one. The ventilation is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is a good average for that which overlies the Pittsburgh seam. However, it requires and is receiving careful attention as to timbering. No gas has ever been found liberating in the mine. The coal is undercut by electric machines of the chain type, blasted with permissible explosives exclusively and is gathered from the working places and hauled to the outside of the mine by means of horses and mules. From there it is lowered for quite a long distance down an outside haulway, with about five and one-half per cent. grade, to the tipple by means of head rope, where it is dumped into the railroad cars. The drainage in all the important working sections of the mine is good. State mine laws are being observed. With the present development and equipment, with a full force of men, this mine is capable of producing 600 tons daily.

M. P. GANNON, *General Manager.* WILLIAM McOLVIN, *Mine Foreman.*
P. P. GANNON, *Superintendent.* CHAS. ELIASON, *Mine Foreman.*

CALIF COAL COMPANY.

LOST CREEK.

General Office. Lost Creek.

No. 204. *Calif—Redstone Seam—Drift Incline.* Located fourteen and one-half miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. It is opened up and being developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type, with electric connections; it is conducted to the working faces by means of wooden doors, stoppings, etc. The roof is exceedingly good, except in a few places, where clay veins were encountered. These places require careful timbering to prevent falls of slate, accidents, etc. No gas liberates from the coal. Drainage is good, except in a few places, where local dips were encountered. The coal is undercut by electric machines of the chain type and blasted with permissble explosives. It is gathered from the working faces and hauled to a side track near the main opening by horses and mules; from there it is hauled around the hill to the head of the plane by means of gasoline motor, where it is lowered by traction and dumped into the railroad cars, in connection with the output of No. 1 mine (No. 1 mine has not operated but very little and there is no prospect for resumption soon). State mine laws are being observed at this time. With a full force of men and the present development and equipment this mine is capable of producing 300 tons daily.

A. C. LISENRING, *General Manager.* T. H. GRAHAM, *Superintendent & Mine Foreman.*

CENTRAL FAIRMONT COAL COMPANY.

CLARKSBURG.

General Office, Clarksburg.

No. 205. *Snake Hill—Pittsburgh Seam—Drift.* Located one mile east of Clarksburg, near Industrial Addition, on the Grasselli Branch off the Parkersburg Branch of the B. & O. Railroad. It is opened up and being developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections, which has been installed during the past year; it is conducted to the working faces by means of approved stoppings, doors, etc. The drainage is good in all important working sections of the mine. The roof is of the usual character, which overlies the Pittsburgh seam in this region, and requires very careful attention as to timbering to prevent accidents. No gas liberates from the coal. The undercutting was formerly done by picks exclusively, but during the past year an electric mining machine has been installed. This machine does the major part of the cutting. The coal is blasted with permissible and some black powder; it is gathered and hauled to the tipple by mules and horses, where it is dumped into the railroad cars. State mine laws are being observed. With a full force of men and with the present equipment, this mine is capable of producing 600 tons daily.

D. HOWARD, *General Manager.* D. M. HARR, *Mine Foreman.*
FRED HOWARD, *Superintendent.*

CLARKSBURG GAS COAL COMPANY.

MCWHORTER.

General Office, Uniontown, Pa.

No. 206. *McWhorter—Redstone Seam—Drift-Incline.* The location of this mine is sixteen miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. The openings are made on the double entry system and it is being developed throughout on the same system. The current which ventilates the mine workings is produced by a disc fan with electric connections and is conducted throughout the mine and to the working places by means of wooden stoppings, doors, etc. The roof is good. except in places where clay veins are encountered. These clay veins are very numerous and the roof is bad at these points; however, timbering is carefully looked after. No gas liberates from the coal. The drainage is bad in sections and very difficult to obtain. Yet it is kept in as satisfactory condition as consistent with local conditions. The undercutting is done by electric machines of the chain type and with picks. The coal is blasted with permissible explosives and gathered to the side tracks on the interior by means of horses and mules and from there it is hauled to the head of the plane by an electric motor and lowered to the tipple, by traction, where it is dumped into the railroad cars. State mine laws are being observed. With the present development and equipment, with a full force of men, this mine is capable of producing 300 tons daily.

HARRY WHYEL, *General Manager.* CHARLES FORTNEY, *Mine Foreman.*
JAS. J. SHARFNEKER, *Superintendent.* O. P. KERKENDALL, *Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

GYPSY.

General Office, Fairmont.

No. 207. *No. 22.* Located twelve miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is a short slope, operating the Pittsburgh seam. The main openings are developed on the triple entry system, while all other face and butt headings off of same are being developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of concrete stoppings over-casts, wooden stoppings, etc. The roof is of the usual character overlying the Pittsburgh seam in this region, which requires very careful attention daily as to timbering to insure safety. Small quantities of gas liberate at the advanced working faces, which were being well cared for by sufficient ventilation in addition to a qualified fire boss being employed. The water is handled from the interior of the mine by means of numerous electric pumps, located at sumps in the local dips, and by ditches ,etc. The coal is undercut by means of electric machines of the chain type and by picks and is blasted with both permissible and black powders; it is gathered to the side tracks on the interior of the mine by horses and mules; from there it is hauled to the lay-off junction with electric motors, thence to the tipple by endless rope and grip cars, where it is dumped into the railroad cars in conjunction with the output of Consolidation No. 77, No. 7 mine, as they are connected underground. State mine laws are being observed. The capacity of the mine is about 800 tons daily with a full force of men and the present equipment.

H. H. WATSON, *Manager.*	DAVE TUCKER, *Mine Foreman.*
W. H. HESS, *Superintendent.*	L. C. DENT, *Mine Foreman.*
GEORGE HAMRICK, *Mire Foreman.*	DAVE TUCKER, *Fire Boss.*
	ROBERT DONLIN, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

HAYWOOD.

General Office, Fairmont.

No. 208. *No. 23—Pittsburgh Seam—Drift.* Located on the Robinson Run Branch of the Short Line Railroad, twelve miles north of Clarksburg, on the West Fork river; it is opened up on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is unusually bad for this region and requires very careful attention as to timbering to prevent accidents, etc. Traces of gas have heretofore been found liberating at the advanced faces in a few sections only. This gas, however, has been well cared for by sufficient ventilation and competent fire boss. The coal is undercut by electric machines of the chain type, gathered and hauled to the tipple, by mules and horses, where it is dumped into the railroad cars. The drainage in some sections of the mine, during a part of the past year, was bad. Improvements were being made on date of last visit. State mine laws are being observed. Permissible explosives are being used exclusively to blast the coal. With a full force of men and the present development and equipment, the mine is capable of producing 600 tons daily.

H. H. WATSON, *Manager.*	ROBT. DONLIN, *Mine Foreman.*
LOWELL CHILDS, *Superintendent.*	IRA ROBINSON, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG, R. F. D.

General Office, Fairmont.

No. 209. *No. 25—Pittsburgh Seam—Drift.* Located in the eastern suburb of Clarksburg, about one mile east of the court house, on the Parkersburg Branch of the B. & O. Railroad; it is opened up on the triple entry system and the important haulways are developed on this system, yet numerous face headings and all the butt or room headings are developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is very good for that which overlies the Pittsburgh seam in this region. However, there is a very dangerous draw-slate and where this is not taken down and removed, it requires very careful timbering to prevent accidents. Slight traces of gas have been heretofore found liberating at a few of the advanced faces; these places are examined carefully with a safety lamp before the men are permitted to enter for the purpose of working. The coal is undercut by machines of both the compressed air and electric types, puncher and chain machines being used. The water is handled by pumps exclusively and on the interior of this mine is located one of the largest inside pumping stations for handling water that can be found in the Second Mining District; this station being centrally located, there are numerous other smaller pumps located throughout the mine, which discharge their waters at this point, where it is forced to the surface through bore holes by means of these large pumps. The blasting is done with both permissible and black powders. The coal is gathered and hauled to side tracks by horses and mules, from there to the junction with the endless rope by electric motors and, from there to the tipple, by grip cars and endless rope, where it is dumped into the railroad cars. State mine laws are being observed. With the present development and with a full force of men, the mine is capable of producing 2,000 tons, providing the outside equipment could handle same.

H. H. WATSON, *Manager.*
LUKE MURRAY, *Superintendent.*
THOS. POLLOCK, *Mine Foreman.*
L. E. HENDERSON, *Mine Foreman.*
WALTER JENNINGS, *Asst. Mine Foreman.*
L. A. MASON, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

GLEN FALLS.

General Office, Fairmont.

No. 210. *No. 27—Pittsburgh Seam—Drift.* Located five miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is opened up on the triple entry system, but is being developed at this time on the double entry system; it is operating the Pittsburgh seam of coal. The ventilation is produced by a centrifugal fan with electric connections and is conducted to the working faces by means of substantial concrete or wooden stoppings, over-casts, etc. The roof is of the usual character overlying the Pittsburgh seam in this region, which requires very careful timbering, especially near the outcrop and pillar sections, to insure safety. The coal is undercut by picks and electric machines of the chain type. It is blasted by permissible and black powders, gathered to the side tracks on the interior by mules and horses, and from there it is hauled to the tipple by an electric motor. State mining laws are being observed. Drainage is good. With a full force of men and with the present equipment, the mine should have a capacity of 800 tons daily.

H. H. WATSON, *Manager*	W. T. ASHCRAFT, *Mine Foreman.*
A. C. ICE, *Superintendent.*	I. L. MARTIN, *Mine Foreman.*
	JOHN CHERRY, *Asst. Mine Foreman.*
	J. H. VERNON, *Asst. Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG, *R. F. D.*

General Office of Company, Fairmont.

No. 211. *No. 29—Drift.* Located two miles east of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad, and is being developed on the double entry system. A large centrifugal fan produces the ventilating current; this fan is connected directly to a steam engine, which propels it. The ventilation is conducted to the working faces by means of substantial stoppings, over-casts, doors, etc. The roof is of the usual character overlying the Pittsburgh seam, which requires prompt and careful timbering to prevent falls, accidents, etc. Traces of gas have heretofore been found liberating at some of the advanced working faces, which was well cared for by sufficient ventilation. The drainage is carefully looked after, the water being handled by electric pumps. The coal is undercut by machines of the compressed air puncher and electric chain types, is blasted with permissible and black powders, gathered to the side tracks and junction by mules and horses; from there it is hoisted to the tipple by means of a head and tail rope, where it is dumped into the railroad cars. State mine laws are being observed. With the present equipment and development, with a full force of men, the mine is capable of producing 1,600 tons daily.

H. H. WATSON, *Manager.*	MIKE ROONEY, *Mine Foreman.*
LUKE MURRAY, *Superintendent.*	WALTER P. JENNINGS, *Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 212. *No 32—Drift.* Located eighteen miles north of Clarksburg, on the Mud Lick Branch of the M. R. Division of the B. & O. Railroad. The main entries are developed on the triple entry system; all other important face and room entries are developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is being conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is of the usual character overlying the Pittsburgh seam in this region, which requires prompt and careful timbering to prevent accidents. No gas liberates from the coal. The coal is undercut by electric machines and is blasted principally by permissible powder. It is gathered to the side tracks on the interior of the mine by mules and horses; from there it is hauled to the tipple by electric motors and is dumped into the railroad cars in connection with the output of No. 32—No. 2 mine, located across a small ravine in the opposite hill. The drainage is good throughout. State mine laws are being observed. With a full force of men and with the present equipments and developments, this mine is capable of producing 1,800 tons daily.

H. H. WATSON, *Manager.*	J. K. WALTER, *Mine Foreman.*
C. H. HIGGINBOTHAM, *Superintendent*	WILLIAM SHRIVER, *Fire Boss.*
CHARLES TARLETON, *Inside Supt.*	C. N. REEVES, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

FARNUM.

General Office, Fairmont.

No. 213. *No. 33—Pittsburgh Seam—Drift-Incline.* The location of this mine is six and one-half miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. The development is being made on the double entry system. A seven foot Stine fan of the disc type produces the ventilating current, which is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is of the usual character, which requires careful attention and prompt timbering to insure safety and to prevent falls, etc. No gas liberates from the coal. The undercutting is done by both electric machines, of the chain type, and picks. The blasting is done with black powder, and some permissibles are also used. The coal is gathered to the side tracks by horses and mules, from where it is hauled to the drift mouth at the head of the plane by electric motor; from this point it is lowered to the tipple by traction plane and dumped into the railroad cars. The drainage is good in all the important working sections of the mine. State mine laws are being observed. With the present development and equipment, with a full force of men, the mine is capable of producing 800 tons daily.

H. H. WATSON, *Manager.*	M. A. HALEY, *Mine Foreman.*
P. J. MCANDREW, *Superintendent.*	

THE CONSOLIDATION COAL COMPANY.

WILSONBURG.

General Office, Fairmont.

No. 214. *No. 35—Pittsburgh Seam—Drift.* Located five miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; this mine was formerly reported as Consolidation No. 35—Nos. 1, 2, 3 & 4 mines; at this time, however, they are all connected underground and all the coal that is being produced comes from the one opening (No. 4), therefore, in the future, it will be reported as above; it is opened up on the double entry system. The ventilation is produced by a seven foot Stine fan of the disc type, with electric connections. It is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. No gas is found in the mine. The roof is very bad in places where all the coal is removed; however, in the larger area, top coal is maintained; all sections require careful timbering to prevent falls, accidents, etc. The coal is undercut with compressed air punchers and electric chain machines; it is blasted with permissible explosives exclusively, gathered and hauled to the side tracks on the interior by horses and mules and from there to the tipple by electric motor. The drainage is carefully looked after and in the working sections it is found in satisfactory condition. State mine laws are being observed. With a full force of men, with the present development and equipment, this mine is capable of producing 1,500 tons daily.

H. H. WATSON, *Manager*	CLYDE VAN PELT, *Mine Foreman.*
L. E. DORSEY, *Superintendent.*	RICHARD ADCOCK, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

LEWIS.

General Office, Fairmont.

No. 215. *No. 39—Pittsburgh Seam—Drift.* The location of this mine is on the West Fork river, on the West Virginia & Pittsburgh Division of the B. & O. Railroad, six and one-half miles south of Clarksburg. The openings and development are all on the double entry system. A Stine fan of the disc type, seven feet in diameter, with electric connections, produces the ventilating current, which is conducted to the working faces by approved stoppings, overcasts, doors, etc. The roof is unusually bad in important sections of the mine, and unless carefully timbered, falls of roof are very frequent. The timbering, however, is carefully looked after at this time. Drainage has been greatly improved during the past inspection year and, at this time, the important working sections are well drained. Traces of gas liberate from the coal in some of the advanced working places, which are carefully looked after by a competent fire boss and by sufficient ventilation. The coal is undercut by electric machines, gathered and hauled to the side tracks by horses and mules, and from there to the tipple, by electric motor, where it is dumped into railroad cars. State mine laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing 400 tons daily.

H. H. WATSON, *Manager.*	LON RICKARD, *Mine Foreman.*
E. G. VINCENT, *Superintendent.*	GODFREY SHAFFER, *Mine Foreman.*
	J. B. GREYNOLDS, *Mine Foreman.*
	JOHN COMER, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

VIROPA.

General Office, Fairmont.

No. 216. *No. 40—Pittsburgh Seam—Drift.* The location of this mine is eighteen miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is opened up on the double entry system. The ventilation is produced by a centrifugal fan with electric connection and is conducted throughout the mine to the faces by means of approved stoppings, doors, over-casts, etc. The roof is of the usual character, which requires very careful daily attention as to timbering to prevent falls, accidents, etc. Traces of gas have heretofore been found liberating at the faces in some of the advanced working places, this, however, was being cared for by sufficient ventilation and a competent fire boss. The coal is undercut by electric machines and picks, the blasting is done with both black and permissible powders; the coal is gathered by mules and horses to the side tracks on the interior of the mine and from there it is hauled by an electric motor to the tipple, where it is dumped into the railroad cars. Drainage is good in all the important working sections of the mine. State mine laws are being observed. With a full force of men and with the present equipment and development, this mine is capable of producing 1,200 tons daily.

H. H. WATSON, *Manager*
H. C. ASH, *Superintendent.*
OLIVER BUSH, *Mine Foreman.*
O. M. VANSCOY, *Fire Boss.*
FRANK MASON, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 217. *No. 42—Drift.* Located thirteen and one-half miles north of Clarksburg, on a branch off the Short Line Division of the B. & O. Railroad; it is opened up on the triple entry system, yet all the important face and room headings, other than the main haulways, are developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is of the usual character overlying the Pittsburgh seam in that vicinity. Top coal is maintained throughout the entire development, where possible to do so for the reason that, where all the coal is removed, the roof requires very careful timbering to prevent falls, etc. Gas liberates, at the advanced working faces in small quantities, which is being taken care of by means of sufficient ventilation with a competent fire boss in charge. The coal is undercut by electric machines of the chain type, blasted with permissible powder exclusively, gathered to the side tracks on the interior of the mine by mules and horses and from there it is hauled to the drift mouth by electric motors and hoisted to the tipple by means of an electric retard. The drainage is good in all important working sections of the mine. State mine laws are observed. With the present development and equipment, with a full force of men, this mine is capable of producing 1,200 tons daily.

H. H. WATSON, *Manager*. C. L. KING, *Mine Foreman*.
H. S. TOOTHMAN, *Superintendent*. SAM CUNNINGHAM, *Fire Boss*.
PETER MCLINDEN, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

INTERSTATE.

General Office, Fairmont.

No. 218. *No. 44—Pittsburgh Seam—Drift-Incline.* The location is eight miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. It was opened up and is being developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type and is conducted to the working faces by means of approved stoppings, doors, etc. The roof is very bad in some sections and the coal is not of the usual height. Top coal is maintained in all sections of the mine where possible to do so for the purpose of saving timber, insuring safety, etc., for when all the coal is removed, the overlying stratum, which is soap stone of a very dangerous character, requires very careful timbering. The drainage is good. No gas liberates from the coal. The coal is undercut by electric machines of the chain type, blasted with permissible explosives exclusively, gathered and hauled to the head of the plane at drift mouth by mules and horses; from there it is lowered by traction to the tipple and dumped into the railroad cars. State mine laws are being observed. With a full force of men and with the present equipment and development, the mine is capable of producing 500 tons daily.

H. H. WATSON, *Manager*. W. MCMASTERS, *Mine Foreman*.
P. B. ROBINSON, *Superintendent*.

THE CONSOLIDATION COAL COMPANY.

GLEN FALLS.

General Office, Fairmont.

No. 219. *No. 48—Pittsburgh Seam—Drift.* Located on a small tributary of the West Fork river, known as Fall Run, three miles north of Clarksburg, on a branch off of the M. R. Division of the B. & O. Railroad; it is opened up on the double entry system. The ventilation is produced by a seven foot Stine fan of the disc type, with electric connections and is conducted to the working faces by means of substantial stoppings, doors, over-casts, etc. The roof is of the usual character overlying the Pittsburgh seam in this region, which must have prompt and careful attention as to timbering to prevent accidents. No gas liberates from the coal, which is undercut by electric machines and by picks, blasted by permissible and black powders, gathered and hauled by mules and horses to the side tracks on the interior and from there to the tipple with an electric motor. The drainage is good. State mine laws are being observed. With the present equipment and with a full force of men, this mine is capable of producing 600 tons daily.

H. H. WATSON, *Manager.*	C. N. REEVES, *Mine Foreman.*
A. C. ICE, *Superintendent.*	I. L. MARTIN, *Mine Foreman.*
	BERNARD SWISHER, *Asst. Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

ENTERPRISE.

General Office, Fairmont.

No. 220. *No. 49.* Located nineteen miles north of Clarksburg. It is a short slope opened up on the triple entry system, operating in the Pittsburgh seam. The ventilation is produced by a centrifugal fan, which is very large and efficient and is conducted to the working faces by means of concrete, brick and wooden stoppings, in connection with substantially built over-casts, constructed of non-combustible material. The roof in some sections is of a very dangerous character, which requires very careful timbering to insure safety. The coal is undercut by electric machines of the chain type and by picks; it is blasted by both permissible and black powders, gathered by mules and horses to the side tracks on the interior of the mine and from there it is hauled to the foot of the slope by means of electric motors. No gas of appreciable quantity liberates in this mine from the coal. The drainage is good in the working sections of the mine. State mine laws are being observed. The capacity of this mine is about 1,500 tons daily, with a full force of men.

H. H. WATSON, *Manager.*	J. A. MURPHY, *Mine Foreman.*
H. C. ICE, *Superintendent.*	JOHN WALTERS, *Mine Foreman.*
	E. L. GRIFFITH, *Mine Foreman.*
	JOHN A. HARLOW, *Fire Boss.*
	B. F. PIGOTT, *Fire Boss.*
	W. A. EVANS, *Fire Boss.*
	JOHN KELLY, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

ADAMSTON.

General Office, Fairmont.

No. 221. *No. 50—No. 1—Pittsburgh Seam—Drift.* Located three miles west of Clarksburg, on a short branch off the Short Line Division of the B. & O. Railroad; it is opened and developed on the double entry system. The ventilating current is produced by a centrifugal fan with direct steam connection and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is very bad when all the coal is removed; for that reason, top coal is maintained in all places where possible to do so. Timbering is carefully looked after to prevent acidents, etc. Slight traces of gas have heretofore been found liberating from some of the advanced working faces, which were being well cared for with sufficient ventilation and a competent fire boss in charge. The coal is undercut by electric machines and by picks, blasted with permissible explosives exclusively, gathered to the side tracks on the interior by horses and mules, from where it is hauled to the tipple, by an electric motor, where it is dumped into the railroad cars in connection with the output of No. 50—No. 2 mine, which is operating in the hill opposite, a ravine, separating these two mines, spanned by a twin tipple over which the output of both mines is dumped. The drainage is looked after as carefully as natural conditions will permit, consistent with economic mine practice. State mine laws are being observed. With a full force of men and with the present equipment and development, this mine is capable of producing 700 tons daily.

H. H. Watson, *Manager*.
D. A. Reed, *Superintendent*.
James Ray, *Mine Foreman*.
A. E. Evans, *Fire Boss*.
John Oldroyd, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

Adamston.

General Office, Fairmont.

No. 221-a. *No. 50—No. 2—Drift*. Located about three miles west of Clarksburg, on a branch off of the Short Line Division of the B. & O. Railroad; it is opened up on the double entry system and the current which ventilates the mine workings is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof is of the usual character which overlies the Pittsburgh seam in that vicinity, which is very bad, especially when the top coal is taken down and removed; for this reason, top coal is maintained in all places possible to do so. The timbering is carefully looked after. Very slight traces of gas have heretofore been found in the mine, and the inspector cannot determine whether it liberates from the coal or is escaping from gas wells, as they are numerous on this and adjacent properties. However, this gas is carefully looked after by a competent fire boss and with sufficient ventilation. The coal is undercut by electric machines, blasted with permissible powder exclusively, gathered to the side tracks by horses and mules, and from there it is hauled to the tipple, by an electric motor, this tipple being a twin one, which spans a ravine separating this mine from No. 1 mine, over which the output of both mines is dumped into the same railroad cars. The drainage is difficult, but is being as well taken care of as is consistent with the local conditions. State mine laws are being observed. With a full force of men and the present equipment and development, this mine is capable of producing 1,000 tons daily.

H. H. Watson, *Manager*.
D. A. Reed, *Superintendent*.
James Ray, *Mine Foreman*.
A. E. Evans, *Fire Boss*.
John Oldroyd, *iFre Boss*.

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 222. *No. 51—No. 1—Pittsburgh Seam—Drift.* The location of this mine is 15½ miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. It is opened up on the double entry system. The ventilating current is produced by a centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is of the usual character which overlies the Pittsburg Seam, which requires very careful timbering to prevent accidents, etc. Slight traces of gas have heretofore been detected; the Inspector could not determine definitely whether it liberated from the coal or escaped from some of the numerous gas wells located nearby, however, this gas is insignificant in quantity and, is carefully looked after by a competent fire boss and sufficient ventilation. The coal is undercut by electric machines, of the chain type, and picks. Black powder is used principally for blasting. The coal is gathered to the side tracks by horses and mules, from where it is hauled to the mouth of the drift by electric motor; from there it is hoisted to the tipple by head rope and dumped into the railroad cars in connection with the output of No. 51, No. 3 Mine, as the output from the last named mine is hauled through one of the important headings of this mine, which is cut to the outside opposite the opening of No. 3 Mine. The water is handled by pumps, and, by reason of the quantity, it is a very difficult matter to prevent standing water on some of the important headings at times, yet all working places are drained in a satisfactory manner. State Mine Laws are being observed. This mine is retreating and the capacity probably at this time could not exceed 400 tons daily.

H. H. WATSON, *Manager.*	B. F. FREEMAN, *Mine Foreman.*
J. H. NUZUM, *Superintendent.*	TOM LAIRD, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 222-a. *No. 51—No. 3—Pittsburgh Seam—Drift.* The location of this mine is 15 miles North of Clarksburg, on the M. R. Division of the B. & O Railroad It is opened up and the developments are being made on the double entry system. The ventilation is produced by a centrifugal fan with electric connections and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. Slight traces of gas have heretofore been discovered in the mine; the Inspector could not determine whether they were liberated from the coal or escaping from gas wells located nearby, however, this gas is insignificant in quantity and is being well cared for by sufficient ventilation with a qualified fire boss in charge. The roof is of the usual character which overlies the Pittsburgh Seam and requires very careful timbering to prevent accidents. The coal is undercut by machines of the electric type, is blasted by black powder and some permissibles and gathered to the side tracks by mules and horses; from there, it is hauled to the mouth of No. 1 Mine via No. 1 left entry off of main heading, No. 1 Mine, by an electric motor, and from there it is hoisted to the same tipple, with the output of No. 1 Mine, and dumped into the railroad cars with it. The drainage is good. State Mine Laws are being observed. With the present equipment, the capacity of this mine could probably reach 600 tons daily.

H. H. WATSON, *Manager.* B. F. FREEMAN, *Mine Foreman.*
J. H. NUZUM, *Superintendent.* TOM LAIRD, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

OCEAN MINES.

General Office, Fairmont.

No. 223. *No. 52—Pittsburgh Seam—Drift.* The location of this mine is 3 miles East of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad. It is opened and the developments are all being made on the double entry system. The ventilating current is produced by a centrifugal fan with direct steam connection and is conducted to the working faces by substantial stoppings, over-casts, doors, etc. No gas has ever been discovered liberating in this mine. The roof varies in character from exceedingly good to very bad, however, timbering is being carefully looked after in the bad sections to prevent accidents from falls, etc. The coal is undercut by machines of the compressed air puncher type, and picks, is blasted with black powder and permissibles, gathered to the side tracks by horses and mules and from there it is hauled to the tipple by head and tail rope, where it is dumped into the railroad cars. Drainage is kept in a satisfactory condition by means of pumps, ditches, etc.; in fact, the working places are all well drained, yet some important haulways, at times, have standing water when the pumps are out of order. State Mine Laws are being observed. With a full force of men and with the present development and equipment, this mine is capable of producing 1000 tons daily.

H. H. WATSON, *Manager.* GEO. A. RUTTER, *Mine Foreman.*
H. C. MARSHALL, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

HAYWOOD.

General Office, Fairmont.

No. 224. *No. 54—Pittsburgh Seam—Drift—Engine Plane.* Located 12 miles North of Clarksburg, on the Robinson Run Branch off the Short Line Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of substantial stoppings, doors, over-casts, etc. The roof is rather bad in some sections and requires exceedingly careful timbering to prevent accidents. The coal is undercut by electric machines and picks, blasted with permissible powder, exclusively, is gathered to the side tracks on the interior by mules and horses, and, from there, it is drifted to an endless rope where it is fastened to same with hand grips, hauled to the outside, lowered down the engine plane to the tipple and dumped into the railroad cars. The drainage is difficult in some sections, yet kept in as good condition as consistent with the natural conditions. Slight traces of gas liberate at a few of the advanced working faces, which are being properly cared for by means of sufficient ventilation and competent fire boss. State Mine Laws are being observed. With a full force of men, with the present equipment, the capacity of this mine should reach 800 tons daily.

H. H. WATSON, *Manager*. ELLSWORTH TUCKER, *Mine Foreman*.
LOWELL CHILDS, *Superintendent*. MIKE SANGILO, *Fire Boss*.

THE CONSOLIDATION COAL COMPANY.

MEADOWBROOK.

General Office, Fairmont.

No. 225. *No. 55—No. 1.—Drift.*—Located 9 miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is operating in the Pittsburgh seam of coal, opened up and developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of substantial stoppings, over-casts, etc. The roof is of a dangerous character in some sections and requires very careful timbering to prevent accidents. No gas liberates and no dust of dangerous character is found. The coal is undercut by electric machines and picks. The blasting is done by permissibles and black powder and coal is gathered and hauled to the side tracks on the interior of the mine by mules, from there it is hauled to the tipple by electric motor and dumped into the railroad cars in conjunction with the output of of No. 55-No. 2 Mine, these mines being connected underground, and in fact, at this time probably, they should be reported as one mine. State Mine Laws are being observed. The water is handled by pumps and the drainage is kept in a satisfactory condition. With a full force of men and the present equipment, this mine is capable of producing 500 tons daily.

H. H. WATSON, *Manager*. THOS. JARRETT, *Mine Foreman*.
THOS. JARRETT, *Superintendent*.

THE CONSOLIDATION COAL COMPANY.

MEADOWBROOK.

General Office, Fairmont.

No. 225-a. *No. 55.—No. 2.—Drift.* Located 9 miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is developed on the double entry system, operating the Pittsburgh seam of coal Practically the same conditions are found on the inside as reported found in No. 1 Mine, this really, is only a section of No. 1 Mine, they being connected underground and the output of both being hauled by the same motor to the same tipple and dumped together into the railroad cars. Ventilation is produced by a large fan located at the mouth of No. 1 Mine. The coal is blasted with permissibles and black powder. State Mine Laws are being observed. The capacity of this mine, or this section of a mine, with a full force of men and the present development and equipment, would probably be 400 tons daily.

H. H. WATSON, *Manager.* C. D. POWELL, *Mine Foreman*
THOS. JARRETT, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

CLARKSBURG, R. F. D.

General Office, Fairmont.

No. 226. *No. 58.—Drift.* Located 1½ miles East of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by an 8 ft. Stine fan of the disc type and is conducted to the working faces by substantial stoppings, doors, over-casts, etc. The roof is of the usual character which overlies the Pittsburgh seam, which necessitates very prompt timbering to insure safety from falls, etc. The coal is undercut by electric machines of the chain type, blasted with permissible and black powders, gathered and hauled to the side tracks on the interior of the mine by horses and mules, from there it is hauled to the outside by an electric motor and hoisted onto the tipple by electric retard, where it is dumped into railroad cars. The drainage is good in the working sections and along all the important haulways. No gas found during the past year. State Mine Laws are being observed. With the present development, with a full force of men, this mine is capable of producing 1200 tons daily.

H. H. WATSON, *Manager.* GEORGE BROOKS, *Mine Foreman.*
LUKE MURRAY, *Superintendent.* L. E. HENDERSON, *Mine Foreman.*
O. M. VANSCOY, *Mine Foreman.*
MIKE J. ROONEY, *Mine Foreman.*

THE CONSOLIDATION COAL COMPANY.

MT. CLARE.

General Office, Fairmont.

No. 227. *No. 60.—Pittsburgh Seam—Drift-Incline.* Located 7½ miles South of Clarksburg, on the West Virginia & Pittsburg Division of the B. & O. Railroad; it is opened and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections and is conducted to the working faces by means of approved stoppings, doors, etc. The character of the roof is very dangerous and requires exceedingly careful timbering to prevent accidents from falls, etc. No gas liberates in the mine. The coal is undercut by electric machines of the chain type, the blasting is done with permissible powders exclusively; the coal is gathered and hauled to the drift mouth at the head of the plane by horses and mules and from there it is lowered to the tipple by traction and dumped into the railroad cars. The drainage is very bad along some of the important haulways. The character and condition of the roof along some of these haulways was such on date of last visit, that it needed immediate attention. State Mine Laws are being observed. Under present conditions, I do not think the maximum capacity of this mine could exceed 400 tons daily.

H. H. WATSON, *Manager.* J. M. MATHENEY, *Mine Foreman.*
E. G. VINCENT, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

ADAMSTON.

General Office, Fairmont.

No. 228. *No. 62.—Pittsburgh Seam—Drift-Incline.* Located 2½ miles West of Clarksburg, on the Short Line Railroad. It is opened up and developed on the double entry system. The ventilation is produced by a 10 ft. disc fan of the Charleston type and is conducted to the working faces by substantial stoppings, over-casts, doors, etc. The roof is very bad in some sections, especially in the outcrop pillar workings, which requires very careful attention as to prompt and proper timbering to prevent accidents from falls, etc. Some gas was formerly found liberating at advanced working faces in the North section of the mine, but at this time no gas is found. The coal is undercut by electric machines, of the chain type, blasted by permissible and black powders, is gathered and hauled to the drift mouth at the head of the traction plane by horses and mules, from there it is lowered and dumped into the railroad cars. The drainage is bad in some important sections and it would be very difficult to make improvements with a reasonable expenditure of money. State Mine Laws are being observed. This mine has reached the property limits and is engaged in retreating. With a full force of men and with the present equipment, this mine is capable of producing for some time to come at least, 500 tons daily.

H. H. WATSON, *Manager.* DAN OLDROYD, *Mine Foreman.*
D. A. REED, *Superintendent.* A. A. EVANS, *Mine Foreman.*
FRED WILKINS, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

INTERSTATE.

General Office, Fairmont.

No. 229. *No. 64.—Pittsburgh Seam.—Drift.* Located 8 miles South of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. It is opened and developed on the double entry system. The ventilation is produced by a centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof varies in character from exceedingly good to very bad; it is, however, being carefully looked after in the bad sections by promptly and carefully timbering same. No gas has been discovered during the past year. The drainage in the right hand section is very difficult; at this time, the mine is not in operation, nor has it been in operation during the past year, and large bodies of water are found therein; the left hand section, where all the work is confined, is found in a satisfactory condition as to drainage. The coal is undercut by means of compressed air machines, of the puncher type, and by picks, is gathered to the side tracks on the interior by horses and mules, from there to the tipple, by "spike" and "string" teams, where it is dumped into the railroad cars. State Mine Laws are being observed. The coal in this mine is blasted principally with permissible powders. With the present development and equipment, this mine would not be capable of producing more than 1200 tons daily with a full force of men.

H. H. WATSON, *Manager.* J. L. THOMAS, *Mine Foreman.*
P. B. ROBINSON, *Superintendent.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 230. *No. 65.—Drift.* Operating in the Pittsburgh seam, is located on the West Fork River, 15 miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is opened up on the triple entry system. The ventilation is produced by a centrifugal fan with direct steam connection and is conducted to the working faces by concrete and wooden stoppings. The roof is of the usual character overlying the Pittsburgh seam, which requires very careful timbering to prevent accidents from falls, etc. Small quantities of gas liberate at some of the advanced working faces, which were being cared for on dates of visits by sufficient ventilation, and being looked after by a competent fire boss. The coal is undercut with electric machines, blasted with black powder and permissibles, is gathered and hauled to the side tracks on the interior by horses and mules, thence to the endless rope, by electric motor, from where it is hoisted to the tipple and dumped into railroad cars. The drainage is good. The capacity of this mine with its present equipment and with a full force of men, should be 1,000 tons daily. State Mine Laws are being observed.

H. H. WATSON, *Manager.* MILTON SATTERFIELD, *Mine Foreman.*
J. H. NUZUM, *Superintendent.* GEORGE R. COOK, *Mine Foreman.*
SAMUEL CROMER, *Fire Boss.*

THE CONSOLIDATION COAL COMPANY.

SHINNSTON.

General Office, Fairmont.

No. 231. *No. 66.—Drift.* Located 17½ miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type with steam connection and is conducted to the working faces by approved stoppings, doors, over-casts, etc. No gas has ever been detected in this mine. The roof is of the usual character which overlies the Pittsburgh seam in that region and requires very careful attention as to timbering to prevent falls, accidents, etc. The coal is undercut by electric machines, blasted with black powder, is gathered and hauled to the side tracks by mules and horses and from there to the drift mouth by electric motor, hoisted to the tipple by Wagner-Palmros system, where it is dumped into the railroad cars. The drainage at this time is good in all the important sections of the mine, an intersection having been cut with No. 51-No. 3 Mine, through which the water is drained. State Mine Laws are being observed. With a full force of men, with the present equipment, this mine is capable of producing 800 tons daily.

H. H. WATSON, *Manager.*
H. C. ASH, *Superintendent.*
THOS. POLLOCK, *Superintendent.*
W. E. SHUTTLEWORTH, *Acting Superintendent.*
GODFREY SHAFFER, *Mine Foreman.*
JOHN WALTERS, *Mine Foreman.*
W. E. SHUTTLEWORTH, *Mine Foreman*

CORONA COAL & COKE COMPANY.

CLARKSBURG, R. F. D.

General Office, Pittsburgh, Pa.

No. 232. *Corona No. 2—Pittsburgh Seam—Drift.* Located 4 miles north of Clarksburg, on the Short Line Division of the B. & O. Railroad, is opened up and being developed on the double entry system. In addition to the main opening, there are two other openings from which coal is being produced, located quite a distance around the hill from the main drift mouth. At the present time, the main opening and one of the other openings are ventilated by a Buffalo fan of the disc type, with electric connections, the other opening is ventilated by a fire basket, ultimately, all these openings will be connected underground, and all be ventilated with the fan; the ventilating currents are conducted to the working places by means of wooden stoppings, doors, checks, etc. The roof is of the usual character which overlies the Pittsburgh seam and top coal is being maintained throughout, which is carefully timbered. The drainage is a little difficult in some sections at present, but when intersection is made, as described above, it will improve the drainage, however, the water is kept from all working places at this time. No gas has yet been discovered liberating from the coal. The coal is undercut by electric machines of the chain type and blasted with permissible powders, is gathered to the side track on the interior of the Main No. 1 opening by horses and mules and from there it is hauled to the tipple by an electric motor and dumped into the railroad cars. In the Nos. 2 & 3 openings, the coal is gathered from the working faces and hauled to the outside of same, where it is picked up by the electric motor and hauled to the tipple and dumped with the output of the Main opening into the railroad cars. State mine laws are being observed. The capacity of this mine will increase as development is made, however, at this time, it is capable of producing from the three openings 400 tons daily, with a full force of men.

S. A. TAYLOR, *General Manager.* DAN OLDROYD, *Mine Foreman.*
D. J. CAMPFIELD, *Superintendent.*

CORONA COAL & COKE COMPANY.

CLARKSBURG, R. F. D.

General Office, Pittsburgh, Pa.

No. 233. *Harold—Pittsburgh Seam—Drift—Incline.* The location of this mine is two miles north of Clarksburg, on the M. R. Division of the B. & O. Railroad. All developments were made on the double entry system The ventilating current is produced by a Stine fan of the disc type, with electric connections and is conducted to the working places by means of approved stoppings, doors, etc The roof is rather bad in the sections now in operation, which requires very careful attention as to timbering to insure safety from falls, etc. The drainage in some sections being very difficult, is only fairly good, however, it is as good as can be maintained under the conditions prevailing. No gas liberates from the coal, however, some time during the past year, they have had some difficulty in dislodging carbonic acid gas from sections in the old workings. The coal is undercut by electric machines of the chain type and with picks, gathered and hauled to the side tracks by mules and from there to the outside at the head of the plane by an electric motor, from where it is lowered to the tipple by traction and dumped into the railroad cars. State Mine Laws are being observed. By reason of this mine being engaged in retreating, having reached its property limits, the maximum capacity is hard to estimate. However, I think that with a full force of men it should be able to produce 600 tons daily.

S. A. TAYLOR, *General Manager.* A. G. COBURN, *Mine Foreman.*
ED. CLINGAN, *Superintendent.* THOMAS HORTON, *Mine Foreman.*

FAIRMONT & BALTIMORE COAL & COKE COMPANY.

ADAMSTON.

General Office, Baltimore, Md.

No. 234. *Fairmore.—Pittsburgh Seam.—Drift.* Located 2 miles West of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is really two openings in opposite hills, one opening being known as "Old Hill" and the other one, which has been opened during the past two years, is known as "New Hill" opening, both, however, have practically the same inside conditions. The ventilating currents are produced by two furnaces and are conducted to the working faces by means of wooden stoppings, doors, etc. The roof is above the average of that which overlies the Pittsburgh coal in this region and top coal is maintained throughout the "New Hill," and was formerly maintained throughout the "Old Hill," yet in numerous places in the "Old Hill" it has fallen; in these places, it is necessary to maintain the roof with careful timbering. No gas has ever liberated from the coal in either of these mines. The drainage is good, except in a few places in the "Old Hill," where good drainage is impossible to obtain. The coal in the "New Hill" is undercut by an electric machine, blasted with permissible explosives, gathered to the outside by horses and mules, from there it is hauled to the top of the incline in conjunction with the output of "Old Hill," a distance of about three-quarters of a mile, where it is lowered by head rope engine-plane to the tipple and dumped into the railroad cars; the coal in the "Old Hill" is undercut by picks exclusively, gathered to the outside locomotive haulway as described above, by mules and horses. State Mine Laws are being observed. With a full force of men and the present equipments, the maximum capacity of these two openings could probably be made 600 tons daily.

IRVING ADAMS, *General Manager.* CLEO MONK, *Mine Foreman.*
A. LISLE WHITE, *Superintendent.*

FAYETTE COAL COMPANY.

DOLA.

General Office, Uniontown, Pa.

No. 235. *Fayette—Pittsbugh Seam—Drift.* Located 16 miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with steam connections. During the past year they had the misfortune to have the Main Aircourse fall in to the extent that it was almost impossible to ventilate the workings, which necessitated the driving of a new Aircourse around the outcrop paralleling the Main Heading, on the opposite side from the original Aircourse. Before this work could be completed, it was necessary for the inspector to remove the men from the larger portion of the mine, but, at this time, an intersection has been made and the ventilation is good throughout. The roof is very bad and requires very careful timbering. The drainage is good. No gas liberates from the coal, yet large bodies of Carbonic Acid Gas accumulated in the old workings before the ventilation was restored, as described above. The coal is undercut by compressed air machines, of the puncher type, gathered to the side tracks on the interior by mules and horses and from there hauled by gasoline motor to the tipple and dumped into the railroad cars. State Mine Laws are being observed. With a full force of men, this mine would be capable of producing 600 tons daily with the present equipment.

E. DALE FIELD, *General Manager.* F. VINCENT, *Mine Foreman.*
B. T. GREAVES, *Superintendent.*

FRANCOIS COAL & COKE COMPANY.

Clarksburg.

General Office, Clarksburg.

No. 236. *Norwood—No. 1—Drift-Incline.* Located 3 miles southeast of Clarksburg, on the Grasselli Branch off the Parkersburg Branch of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections. The roof is hardly as good as the average of that which overlies the Pittsburgh Seam in this region; for that reason, it is necessary to maintain top coal and carefully timber all places where all the coal has been removed, to prevent the slate from falling. No gas has been found liberating from the coal. The drainage is good. The undercutting is done by an electric machine of the chain type and blasting with permissible powder exclusively. The coal is gathered from the working places and hauled to the head of the plane by horses and mules, from there it is lowered by traction to the tipple and dumped into the railroad cars in connection with the output of Nos. 2, 3, 4 & 5 openings. State Mine Laws are being observed. The capacity of this mine will increase as development is made. With the present development and equipment, this mine is capable of producing 100 tons daily.

V. E. Gocke, *General Manager.*	B. H. Monroe, *Mine Foreman.*
Wm. McOlvin, *Superintendent.*	A. V. Morgan, *Mine Foreman.*
	Will McOlvin, *Mine Foreman.*

HARRY B. COAL & COKE COMPANY.

Clarksburg.

General Office, Fairmont.

No. 237. *Pitcairn.—Pittsburg Seam.—Drift.* The location of this mine is 1 mile South of Clarksburg, on a branch off the West Virginia & Pittsburgh Division of the B. & O. Railroad. It is opened and all the developments are being made on the double entry system. The ventilating current is produced by a centrifugal fan of the Brazil type, with direct steam connection, and is conducted to the working faces by means of approved stoppings, over-casts, doors, etc. The roof varies in character from very good for that which overlies the Pittsburgh Seam of coal, to very bad, however, it all requires careful attention as to timbering to prevent accidents from falls. No gas has been found liberating in the mine during the past year, however, small quantities have heretofore been found, which the inspector and the company officials could account for in no other way than from leaking gas wells located nearby, as these places were very near the outcrop. The drainage in a large area of this mine has been very bad and very difficult to obtain; substantial improvements have recently been made, however, along this line. The coal is undercut by machines of the electric chain type, is blasted with permissible powder, gathered to the side tracks by mules and horses and from there it is hauled to the junction on the outside by electric motors and from there to the tipple, quite a lengthy outside haul. by steam locomotive, where it is dumped into the railroad cars. State Mine Laws are being observed. With the present equipment and with a full force of men, this mine is capable of producing 1,500 tons daily.

H. B. CLARK, *General Manager.* ED. BROWN, *Mine Foreman.*
JOHN A. CLARK, JR., *Superintendent.* C. D POWELL, *Mine Foreman.*

HAYWOOD COAL MINING COMPANY.

SHINNSTON.

General Office, Pittsburgh, Pa.

No. 238. *Monroe—Pittsburgh Seam—Drift.* Located 14 miles North of Clarksburg, on the M. R. Division of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type with direct electric connection and is conducted to the working faces by means of wooden stoppings, doors, etc. The roof is of the usual character overlying the Pittsburgh Seam in this region, which requires careful timbering to prevent accidents, falls, etc. Gas liberates in very small quantities from some of the advanced working faces, however, this gas is being cared for by sufficient ventilation and the places are being examined by the mine foreman with a safety lamp before the men are permitted to enter the mine for the purpose of working therein. The drainage is fairly good in all important working sections of the mine except what is known as the Main Dip; from this entry, the water is handled by an electric pump, which, when out of order, permits the water to accumulate in this section of the mine. The undercutting is done by electric machines of the chain type. The coal is blasted with permissible explosives and gathered and hauled to the drift mouth by horses and mules, however, the Company had purchased a gasoline motor to be used for this purpose but it has been working so imperfectly that they are compelled to depend upon mules and horses, as above stated. From the drift mouth the coal is hoisted to the tipple by means of an electric retard, where it is dumped into the railroad cars. State mine laws are being observed. With a full force of men and with the present equipment and development, this mine is capable of producing 700 tons daily.

GEORGE H. WISSER, *Superintendent.* ISAAC MARTIN, *Mine Foreman.*
ARTHUR STURM, *Mine Foreman.*
ISAAC MARTIN, *Fire Boss.*
ARTHUR STURM, *Fire Boss.*

HERO COAL & COKE COMPANY.

LUMBERPORT.

General Office, Uniontown, Pa.

No. 239. *Hero.—Pittsburgh Seam—Drift.* Located 10½ miles North of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type with gas engine connection and is conducted to the working faces by means of approved stoppings, doors, etc. The roof is a little above the average of that which overlies the Pittsburgh Seam in this region, in the working places, yet, along the Main Haulway heading, disintegration has taken place, which necessitates very careful timbering of same. The drainage along Main haulway has been improved during the past year, in the other important working sections of the mine it has always been good. Gas liberates in small quantities at the faces of the Main heading and Aircourse paralleling it; these places are examined with a safety lamp before men are permitted to enter for the purpose of working therein, this precaution being taken more on account of gas wells located in proximity to the mine than on account of the quantity liberated from the coal, as it always has been very insignificant. The coal is undercut by picks, blasted with permissible powders and gathered and hauled to the tipple, by horses and mules, where it is dumped into the railroad cars. State Mine Laws are being observed. With a full force of men and the present development and equipment, this mine is capable of producing 500 tons daily.

E. L. ZEARLEY, *General Manager.*	J. R. ELSESS, *Mine Foreman.*
J. R. ELSESS, *Superintendent.*	JOE REYNOLDS, *Asst. Mine Foreman.*

HUTCHINSON COAL COMPANY

REYNOLDSVILLE.

General Office, Fairmont.

No. 240. *Delta.—Pittsburgh Seam.—Slope.* Located 7 miles West of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilating current is produced by a high speed centrifugal fan, with steam connections, which is of the J. R. Robinson type, and is conducted to the working faces by means of approved stoppings, doors, etc. Gas liberates in one section of this mine and it is the opinion of the Inspector, as well as of the operators and officials of the mine, that this gas is escaping from gas wells located in close proximity to this section of the mine, rowever, a very close watch is maintained in this section and sufficient ventilation is kept at the faces to prevent an accumulation and to dilute and carry it away. Top coal is maintained in all places possible to do so on account of the extremely dangerous character of the overlying stratum, which is of a fire clay formation, and in places where all the coal is removed, requires very careful timbering to prevent falls, accidents, etc. The water is handled exclusively by pumps and, as the development of the Main Heading all goes to the dip, when these pumps are out of order, water accumulates in the advanced working places, however, the larger portion of the mine workings are well drained. The coal is undercut by compressed air machines of the puncher type, gathered and hauled to the side tracks by mules and horses and from there it is hauled to the tipple, by means of a head rope, where it is dumped into the railroad cars. State Mine Laws are well observed. The capacity of this mine with a full force of men and with the present development, could not exceed 500 tons daily.

C. J. RYAN, *Gen. Supt.*
WALTER MILLER, *Superintendent.*
D. L. DEAN, *Mine Foreman.*
J. B. GREYNOLDS, *Mine Foreman.*
JAMES CUMMINGS, *Mine Foreman.*
D. L. DEAN, *Fire Boss.*
JAMES CUMMINGS, *Fire Boss.*

HUTCHINSON COAL COMPANY.

HEPZIBAH.

General Office, Fairmont.

No. 241. *Erie No. 1.—Pittsburgh Seam.—Drift—Engine Plane.* Located 6 miles North of Clarksburg, on the Short Line Division of the B. & O. Railroad; it was opened up and developed on the double entry system. The ventilating current is produced by a high speed centrifugal fan with steam connections and is conducted to the working faces by means of approved stoppings, doors, etc. The roof is better than the average of that which overlies the Pittsburgh seam and is being carefully looked after as to timbering, etc., to prevent accidents. No gas liberates from the coal. The coal is undercut by electric machines of the chain type, gathered and hauled to the side tracks on the interior by mules and horses, from there it is hauled to the drift mouth by electric motor and from there it is hoisted to the tipple, by head rope, by engine plane, and dumped into the railroad cars in connection with the output of Erie No. 2 Mine, as the coal from the last named is hauled through this mine, which is cut through the hill. The blasting is done by permissible powder exclusively. The drainage is very difficult in some sections, but it is looked after as carefully as consistent with the usual methods of mining. State Mine Laws are being observed. This mine has reached its property limit and is engaged in retreating, for that reason, the maximum capacity is hard to estimate, however, I am sure, under present conditions, that it could not exceed 300 tons daily.

C. J. RYAN, *General Superintendent.*
JOHN DAILEY, *Superintendent.*
ELI MORRIS, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

HEPZIBAH.

General Office, Fairmont.

No. 241-a. *Erie No. 2.—Pittsburgh Seam.—Drift.* Located 6 miles North of Clarksburg, and 1 mile West of Erie No. 1 Mine, is connected with the Erie No. 1 Mine by means of electric motor haulway and the output of the mine is hauled via main heading of Erie No. 1, which is cut through the hill, as described in the report on No. 1 Mine; it is opened up on the four entry system, the developments, however, of the face and room headings are on the double entry system, with the exception of the mains. The ventilation is produced by a high speed centrifugal fan with electric connections and conducted to the working faces by means of approved stoppings, doors, over-casts, etc. No gas liberates from the coal. The roof is of the usual character, which overlies the Pittsburgh seam, which requires careful timbering to prevent accidents, falls etc. It is a little difficult to obtain good drainage in some sections, however, the drainage is looked after as carefully as consistent with the natural conditions and with ordinary methods of mining. The coal is undercut by electric machines of the chain type, gathered to the side tracks by horses and mules and from there hauled by an electric motor to outside motor haulway, a distance of nearly one mile, where it enters the No. 1 opening, where main heading is cut to the outside and hauled through to the mouth of same, from here it is hoisted to the tipple, by head rope, as described in report on No. 1, and dumped into the railroad cars in connection with the output of No. 1. State mine laws are being observed. With a full force of men and with a more efficient haulage equipment, with the present development, this mine is capable of producing 1,500 tons daily.

C. J. RYAN, *Gen. Supt.* ELI MORRIS, *Mine Foreman.*
JOHN DAILEY, *Superintendent.* LEE DRUMMOND, *Asst. Mine Foreman.*

HUTCHINSON COAL COMPANY.

MT. CLARE.

General Office, Fairmont.

No. 242. *Florence.* Located on the B. & O. R. R., drift, operating in the Pittsburg seam, five feet thick. Coal is cut by four Jeffrey electric chain machines, hauled by mules and electric locomotive. Ventilation produced by seven feet fan.

C. J. RYAN, *Gen'l Supt.*
WALTER MILLER, *Superintendent.* OLIVER MCINTIRE, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

DOLA.

General Office, Fairmont.

No. 243. *Girard No. 1—Pittsburgh Seam—Drift.* Located sixteen and one-half miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by a centrifugal fan with direct steam connections and is conducted to the working faces by means of wooden stoppings, doors, etc. The roof is bad where the top coal is taken down and removed, as the overlying stratum is fire clay, which disintegrates and falls when not promptly and properly timbered; this condition, however, does not extend throughout the entire development, as some of the working rooms have a good top. The water is handled exclusively by pumps and oft times, when the pumps are out of commission, large bodies of standing water are found in the extreme dip entries. No gas liberates from the coal, yet in the left-hand section off of the main heading, large bodies of carbonic acid gas accumulate if the ventilation be neglected. The coal is undercut by picks and blasting done with permissible explosives, is gathered to the side tracks by mules and horses and from there it is hauled to the tipple, by means of a head rope, and dumped into the railroad cars, in connection with the output of No. 2 Mine, belonging to the same company, located adjacent thereto. State mine laws are being observed. With a full force of men with the present development and equipment, this mine is capable of producing 200 tons daily.

C. J. RYAN, *Gen. Supt.* MATTHEW STIRES, *Mine Foreman.*
A. V. MORGAN, *Superintendent.* CHARLES P. GANDY, *Mine Foreman.*

HUTCHINSON COAL COMPANY.

DOLA.

General Office, Fairmont.

No. 243-a. *Girard No. 2—Pittsburgh Seam—Drift.* Located sixteen and three-fourths miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened and being developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type with steam connections and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is above the average of that which overlies the Pittsburgh seam in this region, however, it requires careful timbering to maintain the top coal in the rooms. No gas liberates from the coal. The water is handled by pumps exclusively and the drainage is kept in good condition. The coal is undercut with compressed air machines of the puncher type, during the first part of the year, however, it was undercut by picks; the blasting is done with permissible explosives exclusively; the coal is gathered to the side tracks by horses and mules and from there it is hauled to the tipple, located at the mouth of No. 1 Mine, by means of a gasoline motor, and dumped into the railroad cars in connection with the output of No. 1. State mine laws are being observed. With a full force of men and with the present equipment, this mine is capable of producing 700 tons daily.

C. J. RYAN, *Gen. Supt.* MATTHEW STILES, *Mine Foreman.*
THOS. H. GRAHAM, *Superintendent.* CHARLES P. GANDY, *Mine Foreman.*
A. V. MORGAN, *Superintendent.*

HUTCHINSON COAL COMPANY.

MT. CLARE.

General Office, Fairmont.

No. 244. *Hutchinson No. 2—Pittsburgh Seam—Drift.* Located eight miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad; the main headings are driven on the triple entry system, while all other face and room entries are developed on the double entry system. The ventilation is produced by a centrifugal Brazil fan with direct steam connections and is conducted to the working faces by stoppings, doors, over-casts, etc. The roof is very bad in some sections, especially near the outcrop, which necessitates careful attention as to timbering. Permissible powder is used to blast the coal. Traces of gas have heretofore been found liberating at some of the advanced working faces, but during the past year no gas was detected in the mine, however, there are numerous gas wells located in close proximity and for that reason a fire boss is employed. The drainage is good in all present working places. This mine has reached its property limits and at present is engaged in retreating. The coal is undercut by machines of both the electric chain and compressed air puncher types, as well as by picks, is gathered and hauled to the side tracks on the interior by mules and horses and from there to the tipple, by electric motors, where it is dumped into the railroad cars in connection with the output of No. 3, belonging to the same company. State mine laws are being observed. With a full force of men and the present equipment, this mine is capable of producing 500 tons daily.

C. J. Ryan, *Gen. Supt.*	Robert H. McAtee, *Mine Foreman.*
C. L. Lutton, *Superintendent.*	James Mason, *Fire Boss.*
	O. N. Vanscoy, *Fire Boss.*

HUTCHINSON COAL COMPANY.

Mt. Clare.

General Office, Fairmont.

No. 244-a. *Hutchinson No. 3—Pittsburgh Seam—Drift.* The location is eight miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. It is opened up and developed on the double entry system. The ventilation is produced by two fans, one being the centrifugal, which ventilates No. 2 Mine and the other one being a disc with steam connections of the Stine type and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. Slight traces of gas have heretofore been detected liberating in the mine, but none during the past year, however, a qualified fire boss is employed. The roof is bad in some sections and requires very careful timbering to prevent accidents and falls, which woull be expensive to clean. The drainage is good at this time, as substantial improvements have been made during the past year. The coal is undercut by machines of the electric chain and compressed air puncher types, is blasted with permissible powder, gathered and hauled to the side tracks by horses and mules and from there it is hauled by an electric motor to the tipple described in the report on No. 1 and dumped into the railroad cars in connection with the output of No. 2 Mine. State mine laws are being observed. With the present development and equipment and with a full force of men, this mine is capable of producing 1,200 tons daily.

C. J. Ryan, *Gen. Supt.*	John Quinn, *Mine Foreman.*
Clyde Lutton, *Superintendent.*	J. E. Mason, *Fire Boss.*
	O. N. Vanscoy, *Fire Boss.*

HUTCHINSON COAL COMPANY.

MEADOWBROOK.

General Office, Fairmont.

No. 245. *McCandlish No. 1—Drift.* Located nine miles north of Clarksburg, on a short branch off of the M. R. Division of the B. & O. Railroad; it is opened and developed on the double entry system. The ventilating current is produced by a Stine fan of the disc type and is conducted to the working faces by means of approved stoppings, doors, etc. The roof is above the average which overlies the Pittsburgh seam in this region and is carefully looked after. The drainage is difficult in some sections, but is kept in satisfactory condition. No gas liberates from the coal. The undercutting is done by electric machines of the chain type. Black powder is used exclusively to blast the coal, which is gathered to the side tracks by mules and horses and from there it is hauled to the tipple by electric motors, where it is dumped into the railroad cars in connection with the output of McCandlish No. 2, which is operating in the opposite hill, the output of that mine being hauled via main heading, which is driven through the hill. State mine laws are being observed. The capacity of this mine is necessarily decreasing, as it is retreating. For that reason it is hard to estimate, however, it could hardly exceed 300 tons daily at this time.

C. J. RYAN, *Gen. Supt.*
JOHN REUTER, *Superintendent.*
WYATT F. ROUSH, *Mine Foreman.*
ROSCOE SUMMERS, *Safety Foreman.*

HUTCHINSON COAL COMPANY.

MEADOWBROOK.

General Office, Fairmont.

No. 245-a. *McCandlish No. 2—Drift.* Located nine miles north of Clarksburg, on a short branch off of the M. R. Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by two fans, one being a centrifugal of the Brazil type and the other being a centrifugal of the J. R. Robinson type, both of which have electric connections; these currents are conducted to the working faces by means of approvel stoppings, doors, over-casts, etc. The roof is not so good as that found in Mine No. 1, in the hill opposite, yet, in sections, it is above the average of that found overlying the Pittsburgh seam in this region. The timbering is carefully looked after. The drainage is difficult in some sections, yet it is kept in as satisfactory condition as consistent with the local conditions and ordinary methods of mining; the working faces, as a rule, are well drained. No gas liberates. The undercutting is done with electric machines of the chain type and the gathering with horses and mules to the side tracks, from there the coal is hauled by electric motors via main heading No. 1 Mine, to the tipple and dumped into the railroad cars in connection with the output of No. 1. State mine laws are being observed. With the present equipment and development, with a full force of men, this mine is capable of producing 1,600 tons daily.

C. J. RYAN, *Gen. Supt.*	WYATT ROUSH, *Mine Foreman.*
JOHN REUTER, *Superintendent.*	ROSCOE SUMMERS, *Safety Foreman.*

HUTCHINSON COAL COMPANY.

REYNOLDSVILLE.

General Office, Fairmont.

No. 246. *York—Pittsburgh Seam—Drift Incline.* Located six and three-fourths miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilation is produced by a J. R. Robinson centrifugal fan of the high speed type and is conducted to the working faces by means of approved stoppings, doors, etc. Formerly gas, in large quantities, escaped into this mine from nearby gas wells; by a system of tests, the well was located from which this gas was escaping and arrangements were made with the gas company to re-pack their casing, turn the gas into the line, and other safety devices too lengthy to enumerate here, were suggested; since this has been done by the gas company, no gas is found in this mine, however, the mine is examined by a competent fire boss and ventilation is kept up to the working faces. Top coal is maintained in all places possible and timbering is carefully looked after to insure safety from falls of roof, which is of the usual character overlying the Pittsburgh seam. The coal is undercut by picks, gathered and hauled to the head of the plane by mules and horses, and from there it is lowered by traction to the tipple, where it is dumped into the railroad cars. Drainage is good. State mine laws are being observed. This mine will increase its capacity with the development; at this time, however, it is capable of producing 400 tons daily, with a full force of men and with the present equipment.

C. J. RYAN, *Gen. Supt.*	W. B. MALONE, *Mine Foreman.*
W. B. MALONE, *Superintendent.*	J. B. STRUPE, *Asst. Mine Foreman.*
	D. L. DEAN, *Fire Boss.*
	W. B. MALONE, *Fire Boss.*

HYGRADE COAL COMPANY.

MCWHORTER.

General Office, Keyser.

No. 247. *Page—Redstone Seam—Drift-Incline.* Located fifteen and one-half miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation for the latter part of the past inspection year was produced by a disc fan with gas engine connection; during the fore part of the year, it was produced by a furnace and is conducted to the working faces and throughout the mine by means of wooden stoppings, doors, etc. The roof is very good, being a firm gray slate, in all sections except where clay veins are encountered, where it is bad and requires careful timbering; these clay veins are very numerous, and for that reason, timbering must be done promptly, properly and carefully to prevent accidents. No gas liberates from the coal. The drainage in some sections is bad, by reason of local dips, etc., however, these places are kept in as good condition as consistent with ordinary mining practices. The coal is undercut by picks. the blasting is done with permissible powder exclusively. The coal is gathered and hauled to the outside at the head of the plane by horses and mules and from there it is lowered by traction to the tipple and dumped into the railroad cars. State mine laws are being observed. This mine is capable of producing, with the present development and equipment, 300 tons daily, with a full force of men.

E. A. RUSSELL, *General Manager.* R. P. JONES, *Mine Foreman.*
V. O. EISEMAN, *Superintendent.* V. O. EISEMAN, *Mine Foreman.*

JOHNSON-McINTIRE COAL COMPANY.

ROSEBUD.

General Office, Pittsburgh, Pa.

No. 248. *Gilbert—Drift-Incline.* Located on the Short Line Division of the B. & O. Railroad, fourteen and one-half miles northwest of Clarksburg; it is opened up on the double entry system. The ventilation is produced by a furnace (and natural means) and is conducted to the working faces by means of approved wooden stoppings. The roof is unusually bad for that which overlies the Pittsburgh seam normally, and requires very careful attention as to timbering, however, top coal is maintained and the timbering is very carefully looked after. The undercutting is done by picks, the blasting by permissible explosives exclusively, and the coal is gathered and hauled to the head of the traction plane by horses and mules, where it is lowered and dumped into the railroad cars. No gas liberates from the coal. The drainage at this time is good, improvements having been made during the past year by cutting a drainway to the outside off the main heading at the extreme interior of the mine. State mine laws are being observed. With the present development and equipment, with a full force of men, this mine is capable of producing 500 tons daily.

J. S. CLARKE, *Superintendent.* O. T. SWIGER, *Mine Foreman.*

LAMBERT RUN COAL COMPANY.

MEADOWBROOK.

General Office, Fairmont.

No. 249. *Clauson—Pittsburgh Seam—Drift-Engine Plane.* Located seven miles north of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections and is conducted to the working faces by means of approved stoppings, doors, etc. Traces of gas liberate at the faces in a few of the advanced working places; these places are examined by the superintendent with a safety lamp before the men are permitted to enter the mine for the purpose of working therein, this precaution being taken more on account of high pressure gas wells located in close proximity to the mine than on account of the traces above mentioned. The roof is of the usual character overlying the Pittsburgh seam, which requires very careful timbering to prevent accidents, etc. The water is handled by means of ditches to a local dip or natural sump and from there it is handled to the outside by means of electric pumps; the working places, as a rule, are well drained. The coal is undercut by machines of the electric chain type, the blasting is done with permissible powders exclusively. The coal was formerly gathered and hauled to the side track at the drift mouth, by means of horses and mules, but, during the past year, an electric motor has been installed for this purpose and from there it is hoisted to the tipple by means of head rope, where it is dumped into the railroad cars. State mine laws are being well observed. With the present development and equipment, and a full force of men, this mine is capable of producing 800 tons daily.

C. D. Robinson, *General Manager.* E. F. Worcester, *Mine Foreman.*
Dorsey Pople, *Superintendent.*

MADEIRA-HILL-CLARK COAL COMPANY.

Wilsonburg.

General Office, Philadelphia, Pa.

No. 250. *Goff—Drift-Incline.* Located three and one-half miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened and developed on the double entry system, at this time, however, it has reached the property limits in its larger area, and is engaged in retreating. The ventilation is produced by a disc fan with gasoline engine connection and is conducted to the working faces by means of wooden stoppings, doors, etc.; during the past year, substantial improvements have been made in the drainage and, at this time, the mine is in a satisfactory condition in that respect. The roof is of the usual character with overlies the Pittsburgh seam in that vicinity, which requires very careful timbering to prevent falls and accidents from occurring. No gas liberates from the coal. The undercutting is done by picks exclusively. The coal is gathered and hauled to the drift mouth at the head of the plane by horses and mules; the blasting is done with permissible powder. From the drift mouth the cars are lowered by traction to the tipple and dumped into the railroad cars. State mine laws are being observed. With a full force of men with the present equipment and development, this mine is capable of producing 600 tons daily.

John A. Clark, *General Manager.* A. G. Coburn, *Mine Foreman.*
Russell Wilburn, *Gen. Supt.*
C. J. Adams, *Superintendent.*

MADEIRA-HILL-CLARK COAL COMPANY.

WILSONBURG.

General Office, Philadelphia, Pa.

No. 251. *Randolph—Drift.* The location is six miles west of Clarksburg, on a short branch off of the Parkersburg Branch of the B. & O. Railroad. The important haulway headings are being developed on the triple entry system, while the other face and room headings are on the double entry system. The ventilation is produced by a large centrifugal fan with steam connection and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is of the usual character overlying the Pittsburgh seam in that section, which is very bad where all the coal is taken down and removed, however, top coal is maintained in all places possible to do so, and timbering in a more permanent manner along the important haulways is now in progress. Some gas has been found liberating in what is known as "dip" or "line" headings; it is the presumption of the inspector, as well as the mine officials, that this gas is a leakage from gas wells located adjacent thereto, however, it is being carefully looked after with sufficient ventilation and a qualified fire boss employed immediately after the detection of this gas by the inspector. The coal is undercut by machines of both electric and compressed air, the electric machines being of the chain type, while the compressed air are of the puncher type, is gathered by mules and hauled to the side tracks on the interior and from there it is hauled to the tipple by electric motors. The blasting is done with permissible powder exclusively. When the New Chiefton mine was in operation the output of it was dumped over a twin tipple in connection with this mine, however, the New Chiefton mine did not operate any during the past year. State mine laws are being observed. The water is handled by pumps in the larger area of the mine in a very satisfactory manner. With a full force of men and with needed improvement in their hauling equipment, with the present development, this mine is capable of producing 1,600 tons daily.

JOHN A. CLARK, *General Manager.*	W. S. DAVIS, *Mine Foreman.*
RUSSELL WILBURN, *Gen. Supt.*	HARRY LAUGHLIN, *Asst. Mine Foreman.*
C. J. ADAMS, *Superintendent.*	HARRY LAUGHLIN, *Fire Boss.*

MADEIRA-HILL-CLARK COAL COMPANY.

WILSONBURG.

General Office , Philadelphia, Pa.

No. 252. *Waldo No. 1—Drift* (*Retard Plane.*) The location is four miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad. It is opened and developed on the double entry system; the ventilating current is produced by a centrifugal fan with direct steam connection and is conducted to the working faces by means of wooden stoppings, doors, etc. At this time, this mine has reached the property limits in nearly all the important sections and is engaged in retreating. The roof being bad, as is usual over the Pittsburgh seam in that vicinity, and being pillar work almost exclusively, it requires and is receiving very careful attention as to timbering to prevent accidents. The drainage, during the past year, has been greatly improved and, at this time, it is in good condition; formerly it was very bad however. No gas liberates in the mine. The coal is undercut by picks, blasted with permissible explosives, gathered to the side tracks on the interior by means of mules and horses and from there it is hauled to the drift mouth at the head of the retard plane, where it is lowered to the tipple by means of the above mentioned retard and dumped into the railroad cars in connection with the output of Waldo No. 2.

The Waldo No. 2 is new and is operated in the hill directly behind the one in which Waldo No. 1 is operating and the output of this new mine is hauled via the main headings of No. 1 by means of a gasoline motor, which hauls the coal from both mines to the head of the retard, as above described. State mine laws are being observed. With a full force of men and with the present equipment, this mine is not capable of producing more than 300 tons daily, under present conditions.

JOHN A. CLARK, *General Manager.* L. W. KEASTER, *Mine Foreman.*
W. R. WILBURN, *Gen. Supt.*
C. J. ADAMS, *Superintendent.*

MADEIRA-HILL-CLARK COAL COMPANY.

WILSONBURG.

General Office, Philadelphia, Pa.

No. 252-a. *Waldo No. 2—Pittsburgh Seam—Drift.* Located four miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up and being developed on the double entry system. The ventilation, at the present time, is produced by a fire basket, the company, however, is at this time considering the immediate installation of a suitable fan to ventilate the mine. No gas liberates from the coal. Top coal is carefully maintained and timbering is carefully looked after to insure safety from falls, etc. The coal is undercut by picks and hauled through No. 1 Mine, via main heading, as described in the report on that mine; the output is dumped in connection with that of No. 1. Blasting is done with permissible powder, exclusively. The drainage is good throughout. State mine laws are being observed. The capacity of this mine will increase as development is made and at this time it is capable of producing 400 tons daily.

JOHN A. CLARK, *General Manager.*
W. R. WILBURN, *Gen. Supt.*
C. J. ADAMS, *Superintendent.* L. W. KEASTER, *Mine Foreman.*

MARION GAS COAL COMPANY.

ENTERPRISE.

General Office, Greensburg, Pa.

No. 253. *Bingamon—Drift.*. Operating in the Pittsburgh seam; it is located twenty miles north of Clarksburg, on the west side of the West Fork river, this stream being spanned by a steel viaduct with about twenty-five per cent grade against the loads. The coal is hoisted to the tipple by electric retard. where it is dumped into the railroad cars. The mine is opened up on the double entry system. The ventilation is produced by a large fan of the centrifugal type and it is conducted to the working faces by means of concrete, brick and wooden stoppings and, at some faces where small quantities of gas are liberating, brattice is used. The roof is of the usual character which overlies the Pittsburgh seam in this region, which requires very careful attention as to timbering to insure safety. The mine is inclined to be dry and dusty in some sections, which necessitates artificial wetting. The coal is undercut by electric machines of the chain type, is gathered and hauled to the side tracks on the interior by mules and horses, and from there it is hauled to the foot of the retard plane by electric motor. The voltage on the electric wire is 550, which is excessive and would be dangerous in case of contact with the electric wires. Permissible explosives are used exclusively to blast the coal. The water is handled by electric pumps and by ditches, and the drainage is usually in a satisfactory condition, provided the pumps are working properly. State mine laws are being observed. This mine with a full force of men and with the present equipment is capable of producing 1,200 tons daily.

ALEX COULTER, *General Manager.*	R. A. BROWN, *Mine Foreman.*
E. P. McOLVIN, *Superintendent.*	SCOTT STURM, *Fire Boss.*
	C. H. RECHTINE, *Fire Boss.*

MARSHALL COAL COMPANY.

MT. CLARE.

General Office, Philadelphia, Pa.

No. 254. *Marshall—Pittsburgh Seam—Drift-Incline.* Located seven miles south of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad. The main headings are opened up and developed on the triple entry system; the other development is on the double entry system throughout; the ventilating currents are produced by two fans, one being a centrifugal fan with direct steam connections, the other one being a Stine fan of the disc type, with gas engine connection and are conducted to the working faces by means of approved doors, stoppings, over-casts, etc. The roof varies in character from exceeding good to very bad, for that which overlies the Pittsburgh seam in this region, however, all sections are carefully timbered to prevent falls, etc. No gas liberates from the coal. The drainage is kept in a satisfactory condition. The coal is undercut by machines of the compressed air puncher type. The blasting is done with permissible powder exclusively.

The coal is gathered from the working places to the side tracks on the interior by mules and horses and from there it is hauled to the drift mouth at the head of the plane by means of gasoline motors, from there it is lowered to the tipple by traction and dumped into the railroad cars. State mine laws are being observed. With the present development and a full force of men this mine is capable of producing 1,500 tons daily.

J. E. WILKINSON, *Sec. & Treas.* WILLIAM GANTZ, *Mine Foreman.*
JAMES A. JENKINS, *Gen. Supt.* CHARLEY STEWART, *Asst. Mine Foreman.*

MONONGAH FUEL COMPANY.

MONONGAH, R. F. D.

General Office, Fairmont.

No. 255. *Gallihue—Drift.* Located nineteen miles north of Clarksburg, on a branch off the M. R. Division of the B. & O. Railroad; the development and openings are on the double entry system; the ventilation is produced by a furnace and from holes around the outcrop workings and is conducted to the working faces by means of wooden stoppings, doors, etc. The roof is of the usual character overlying the Pittsburgh seam, where the covering is light and requires very careful timbering to prevent falls of slate and accidents. The drainage is bad in some sections by reason of thin covering, broken surface, etc., however, it is kept in a condition consistent with ordinary methods of mining. No gas liberates from the coal. The undercutting is done by picks, the blasting is done with black powder and permissibles. The coal is gathered from the working faces and hauled to the tipple by means of horses and mules, where it is dumped into the railroad cars. State mine laws are being observed. (Inspector Riggleman, of the First Mining District, made the last inspection.) With the present development and equipment, with a full force of men, this mine is capable of producing 600 tons daily.

DAVID VICTOR, *General Manager.* B. G. ASH, *Supt. & Mine Foreman.*

NATIONAL COAL COMPANY.

DOLA.

General Office, Baltimore, Md.

No. 256. *National—Pittsburgh Seam—Drift.* Located sixteen miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it was developed on the double entry system and the ventilation formerly produced by furnace, but, during the past year, by reason of this mine reaching its property limits and being engaged in retreating, the robbing of the outcrop pillars caused numerous holes to the outside, from which excellent ventilation was obtained; for this reason, no fire has been kept in this furnace. The roof is very bad and requires very careful timbering. No gas liberates from the coal. Very little blasting is done, yet the explosives used are all permissible. The coal is undercut with picks, gathered from the working places and hauled to the tipple, by means of horses and mules, where it is dumped into the railroad cars. The condition of the main haulway, as to proper and safe timbering, was bad on date of last visit and recommendations were made coving same, which, I am informed, are in progress at this time. The drainage is bad along the important haulway, on account of slate and other debris piled along the side of the road. State mine laws are being observed. The maximum capacity of this mine, with a full force of men under present conditions, would not exceed 150 tons daily.

L. B. BRYDON, *Manager*. L. HAMRICK, *Mine Foreman*.
G. J. GOOD, *Superintendent*. W. C. SWIGER, *Mine Foreman*.

ORR COAL MINING COMPANY.

WILSONBURG.

General Office, Wilsonburg.

No. 257. *Miller No. 1—Pittsburgh Seam—Drift-Incline.* The location is four miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad. It was opened up on the double entry system and developments, other than removing the pillars, have not been made during the past year, to speak of. The ventilation was formerly by a furnace, but, during the past year, this furnace has not been needed by reason of the numerous holes, which fall to the outside around the outcrop pillar workings. The roof is very bad, which necessitates very careful timbering, as well as the driving of the working places very narrow. No gas has ever liberated in this mine. The coal is undercut by picks and but very little blasting is done for the reason that the coal is easily dislodged in the working places with the pick; coal is hauled to the head of the plane on the outside by horses and mules, where it is lowered by traction to the foot of the plane; from there it is hauld by steam locomotive quite a distance down the ravine and around the hill to the tipple, which is located on the main line of the railroad, where it is dumped into the railroad cars in connection with the output of Miller No. 2 Mine, which is operating in the hill opposite. The drainage is not very good and proper drainage is difficult to obtain. State mine laws are being observed. With the present development and equipment and with a full force of men, this mine could probably produce 250 tons daily.

J. M. ORR, *Manager*. R. L. TICHNER, *Mine Foreman*.
H. CONNORS, *Superintendent*.

ORR COAL MINING COMPANY.

WILSONBURG.

General Office, Wilsonburg.

No. 258. *Miller No. 2—Drift-Incline.* Located four miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up on the double entry system and the ventilation is produced by a disc fan of the Buffalo type, with electric connections and is conducted to the working faces by means of wooden stoppings, doors, etc. The roof in some sections is very bad, especially near the outcrop, while the larger area is of the usual character which overlies the Pittsburgh seam in this region. Top coal is carefully maintained where it is possible to do so. The working rooms are very narrow to prevent falls, etc. The coal is undercut by electric machines of the chain type; the blasting is done with permissible explosives exclusively. The coal is gathered from the interior to the head of the plane by mules and horses; from there it is lowered by traction to the foot of the hill, thence to the tipple by steam locomotive in connection with the output of No. 1, which is lowered by the same means from the top of the opposite hill, and dumped into railroad cars in conjunction with the output of No. 1 as before stated. The drainage is good in all the important sections and no gas found liberating from the coal. State mine laws at this time are being observed. With a full force of men and with the present equipment and development, this mine is capable of producing 600 tons daily.

J. M. Orr, *Manager*. R. L. Tichner, *Mine Foreman*.
H. Connors, *Superintendent*.

ORR-SHIELDS COAL COMPANY.

Reynoldsville.

General Office, Wilsonburg.

No. 259. *Phoenix—Pittsburgh Seam—Slope.* Located seven and one-half miles west of Clarksburg, on the Parkersburg Branch of the B. & O. Railroad; it is opened up on the double entry system. The ventilation is produced by a twelve feet disc fan, which for the most part of the past year was very defectively connected to a steam engine, with belt connections; during the last few months of the year the connections were changed to that of a rope connection, which increased the speed of the fan and correspondingly the volume of the air, and which made the ventilation good at the advanced faces now working. The roof in places where the top coal, which they are maintaining in all places possible, has fallen, is very bad and requires very careful attention to prevent falls and accidents resulting therefrom. Gas liberates at the advanced working faces and the inspector gave very rigid written and oral instructions concerning the proper and safe manner of handling same. The water is handled exclusively by pumps and, as the mine workings are going to the dip in the important advance section, at times standing water is found at the faces by reason of the pump being out of order; the working rooms are all well drained. The coal is undercut by compressed air machines of the puncher type, is blasted by means of permissible explosives exclusively and is hauled to the side track by horses and mules and from there it is hoisted up to the steep headings with head rope to the foot of the slope. From there it is hoisted up the slope by another head rope, which is installed on the outside of the mine, to the tipple and dumped into the railroad cars. Proper observance of the state mine laws was not in evidence during the major part of the last inspection year, however, at this time, conditions along this line are very much improved, as well as conditions along proper observance of safe mining practices. With the present development and equipment, with a full force of men, the mine is capable of producing 600 tons daily.

J. M. ORR, *Manager.*	TOM MCDONNELL, *Mine Foreman.*
CHAS. YERKY, *Superintendent.*	O. P. KIRKENDALL, *Mine Foreman.*
	TOM MCDONNELL, *Fire Boss.*
	O. P. KIRKENDALL, *Fire Boss.*

OVERHOLT COAL COMPANY.

HEPZIBAH.

General Office, Hepzibah.

No. 260. *Overholt—Pittsburgh Seam—Slope.* Located six and one-half miles north of Clarksburg, on the Short Line Division of the B. & O. Railroad; it was opened up on the double entry system; at this time it has reached its property limit and is engaged in retreating. The ventilation is produced by a disc fan with electric connections. The roof is of the usual character overlying the Pittsburg seam and requires careful attention as to timbering. The coal is blasted with permissible powder. No gas has been discovered in the mine during the past year. Drainage is bad and very difficult to obtain. The coal is undercut by an electric machine, gathered and hauled to the foot of the slope, by horses and mules, where it is hoisted to the tipple by means of a head rope and dumped into the railroad cars. State mine laws are being observed at this time. The capacity of this mine at the present time could not exceed 150 tons daily.

G. H. AUSTIN, *Superintendent.*	TONY STARR, *Mine Foreman.*

RIGHTER COAL & COKE COMPANY.

LOST CREEK.

General Office. Lost Creek.

No. 261. *Righter—Redstone Seam—Drift-Incline.* Located at Lost Creek, twelve and one-half miles south of Clarksburg, on the West Virginia & Pittsburg Division of the B. & O. Railroad. All developments are being made on the double entry system. The ventilating current is produced by a Stine fan of the disc type and conducted to the working faces by means of wooden stoppings, doors, etc. The roof is exceedingly good, except in places where clay veins are encountered and near the outcrop of the coal; in these places, careful and prompt timbering is very necessary to insure safety. No gas liberates from the coal, which is undercut by picks, gathered by horses and mules to the side tracks on the interior of the mine, from where it is hauled to the head of the plane near the drift mouth by a gasoline motor and from there it is lowered by traction to the tipple and dumped into railroad cars. Permissible powders are used exclusively in blasting the coal at this time. The drainage is difficult in some sections and rather bad, however, it is kept in as satisfactory condition as possible under the local conditions prevailing. State mine laws are being observed. With the present equipment, with a full force of men, this mine, taken in connection with the Righter No. 2 and Righter No. 3, (which were not operating during the past year), and Righter No. 4, which is operating, the output of all four of these mines, which is dumped over the same tipple, should be about 800 tons daily.

A. C. LISENRING, *General Manager.* C. L. STEMPLE, *Mine Foreman.*
W. H. SANDRIDGE, *Superintendent.*

ROSEBUD FUEL COMPANY.

ROSEBUD.

General Office, Fairmont.

No. 262. *No. 1—Pittsburgh Seam—Drift-Incline.* The location is fourteen miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened and developed to the property limits on the double entry system and at this time it is engaged in retreating. The ventilation is produced by a disc fan with electric connections, which is locatel at the No. 2 Mine, as these two mines are connected underground. The ventilation is also assisted greatly by holes to the outside around the outcrop. The roof is very bad, especially along the main heading, and requires very careful timbering throughout to prevent accidents. No gas liberates in the mine. The drainage on date of last visit was bad, yet improvements were in progress. The coal is undercut by picks and by electric machine, is blasted with permissible powder, exclusively, and at this time it is gathered and hauled to the head of the plane by horses and mules, formerly an electric motor was used for this purpose; the operation of this electric motor at this time is confined to No. 2 Mine; when the coal reaches the head of the plane, it is lowered by traction and dumped into the railroad cars. State mine laws are being observed. This mine, at this time, is not capable of producing in excess of 200 tons daily with a full force of men.

W. E. WATSON, JR., *Gen. Mgr.* JAMES DENNISON, *Mine Foreman.*
J. F. STRAIGHT, *Gen. Supt.* WILLIAM MCOLVIN, *Mine Foreman.*
M. C. TENNANT, *Superintendent.* J. C. SWIGER, *Mine Foreman.*

ROSEBUD FUEL COMPANY.

ROSEBUD.

General Office, Fairmont.

No. 263. *No. 2—Pittsburgh Seam—Drift-Incline.* Located 14¼ miles northwest of Clarksburg, on the Short Line Division of the B. & O. Railroad; it is opened up on the double entry system and the development is all on this system. The ventilating current is produced by Buffalo fan, of the disc type, with electric connections, which also ventilates the No. 1 Mine, belonging to the same company; the air is conducted to the working faces by means of approved stoppings, doors, etc. The drainage at this time is good, but during a large portion of the last inspection year, large bodies of standing water were found in the mine, this condition, however, was eliminated by an opening being made to the outside for a drainway in compliance with recommendations made. The roof along the main heading has begun to disintegrate and the company at this time is engaged in timbering these places to prevent falls, etc., but the roof in the working places is a good average for the Pittsburgh seam, all of which requires prompt timbering. No gas is found in this mine liberating from the coal. The coal is undercut by compressed air machines of the puncher type, blasted with permissible explosives, is gathered and hauled to the side tracks on the interior by mules and horses, and from there to the head of the plane at the drift mouth by an electric motor and then lowered by traction to the tipple and dumped into the railroad cars. State mine laws are being observed. With a full force of men and the present equipment, this mine is capable of producing 600 tons daily.

W. E. WATSON, JR., *Gen. Mgr.*
J. F. STRAIGHT, *Gen. Supt.*
M. C. TENNANT, *Superintendent.*
JAMES DENNISON, *Mine Foreman.*
WILL MCOLVIN, *Mine Foreman.*
R. B. GORDON, *Mine Foreman.*

TEMPLETON COAL COMPANY.

LUMBERPORT.

General Office, Clarksburg.

No. 264. *Fowler Nos 1 & 2—Pittsburgh Seam—Drift-Incline.* Located on the Short Line Division of the B. & O. Railroad, twelve and three-fourths miles northwest of Clarksburg, on Ten Mile creek; it is opened and developed on the double entry system. The ventilating currents are produced by natural means from numerous holes to the outside in the outcrop workings, as the mine is located near the top of a hill and the working headings are cut to the outside from both sides of the hill, which insures good ventilation. The roof is of the usual character which overlies the Pittsburgh seam of coal in that section, which is bad, and requires very careful attention as to timbering, however, the working places are cut very narrow and at this time are properly timbered. The drainage is good in the working sections. No gas liberates from the coal. The coal is undercut by picks. Very little explosives are used by reason of the coal being of such a character that it is taken down easily with a pick; where explosives are used, they are permissibles exclusively. The coal is hauled to the outside and to the head of the plane with horses and mules, from there it is lowered by traction to the tipple, where it is dumped into the railroad cars. State mine laws are being observed. With the present development and equipment and a full force of men, the mine is capable of producing 400 tons daily.

P. W. BAILEY, *Superintendent.*
C. N. MUNDELL, *Mine Foreman.*

VINCENT COAL COMPANY.

CLARKSBURG.

General Office, Clarksburg.

No. 265. *Grasselli—Pittsburgh Seam—Drift Incline.* Located one mile east of Clarksburg, at Union Heights, on the Grasselli Branch off of the Parkersburg Branch of the B. & O. Railroad; it was opened up and developed on the double entry system, but, at this time, it has reached its property limits and is engaged in retreating. The ventilation was formerly produced by a furnace, but during the past year by reason of the numerous holes to the outside, caused by falls around the outcrop workings, it has not been deemed necessary to keep a fire in this furnace, as these holes are located very near the working places, which are all pillar places. The roof in this mine is not as good as usually found and, being as stated above, all pillar workings, it necessitates exceedingly careful timbering to prevent accidents from falls. No gas liberates. The drainage is bad throughout most of the mine, yet it is as good as can be obtained consistent with ordinary methods of mining. The coal is undercut by picks, gathered and hauled from the working places to the head of the plane by horses and mules, from there it is lowered by traction to the tipple and dumped into the railroad cars. State mine laws are being observed. The capacity of this mine under present conditions could not exceed 400 tons daily.

V. E. GOCKE, *Superintendent.*
GRANT WHITE, *Mine Foreman.*
A. V. MORGAN, *Mine Foreman.*
OKEY GRAY, *Mine Foreman.*

VIRGINIA-MARYLAND COAL CORPORATION.

SHINNSTON.

General Office, Baltimore, Md.

No. 266. *Willard No. 1—Pittsburgh Seam—Drift.* Located seventeen and one-half miles north of Clarksburg, on a short branch off the M. R. Division of the B. & O. Railroad. The main headings are opened on the triple entry system, while all other important face and butt or room headings are being developed on the double entry system. The ventilation is produced by a large centrifugal fan with direct steam connections and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof varies, from the best which overlies the Pittsburgh seam in this region, to the worst when the outcrop is reached; these bad sections require very prompt and careful attention as to timbering to insure safety. No gas liberates in this mine. The drainage is difficult, but properly looked after and usually found in good condition. The coal is undercut by machines of the puncher type, the power being compressed air; the blasting is done with permissible powder exclusively; the gathering is done to the side tracks by mules and horses, and from there it is hauled to the tipple by means of gasoline motors, where it is dumped into the railroad cars in connection with the output of Willard No. 2 which is connected underground with this mine. State mine laws are being observed. With the present development and equipment, this mine is capable of producing 800 tons daily.

IRVING ADAMS, *General Manager.*
A. LISLE WHITE, *Superintendent.*
THOS. WESTMORELAND, *Mine Foreman.*
L. C. MORRIS, *Asst. Mine Foreman.*

VIRGINIA-MARYLAND COAL CORPORATION.

SHINNSTON.

General Office, Baltimore, Md.

No. 266-a. *Willard No. 2—Pittsburgh Seam—Drift.* The location is seventeen and one-half miles north of Clarksburg, on a short branch off of the M. R. Division of the B. & O. Railroad; it is opened up and being developed on the double entry system. The current which ventilates the mine workings, is produced by the large centrifugal fan, with direct steam connections, which is located at the mouth of the main air course, Willard No. 1 as these two mines are connected underground, and is conducted to the working faces by means of approved stoppings, doors, over-casts, etc. The roof is above the average of that which overlies the Pittsburgh seam in this region; top coal is carefully maintained throughout and timbering is carefully looked after. No gas liberates. The drainage is good. The coal is undercut by compressed air machines of the puncher type, gathered to the side tracks by horses and mules, and from there it is hauled to main heading, Willard No. 1, by means of a head rope, from there it is hauled by gasoline motors, together with the output of Willard No. 1, and dumped into the same railroad cars. The coal is blasted with permissible powders exclusively. State mine laws are being observed. With the present development and equipment, with a full force of men, this mine is capable of producing 800 tons daily.

IRVING ADAMS, *General Manager.*
A. LISLE WHITE, *Superintendent.*
THOS. WESTMORELAND, *Mine Foreman.*
L. C. MORRIS, *Asst. Mine Foreman.*

WINCHESTER COAL COMPANY.

ENTERPRISE.

No. 267. *Winchester—Drift.* Operating the Pittsburgh seam, six to eight feet high. Ventilated by a fan forty-two inches in diameter; employing forty-five men inside; coal is hauled by mules and horses. Drainage is fair.

J. W. DUCKWORTH, *Superintendent.*
W. D. SATTERFIELD, *Mine Foreman.*

LEWIS COUNTY.

KROGER GAS COAL COMPANY.

McWHORTER.

General Office, Cincinnati, O.

No. 268. *Polar.—Redstone Seam.—Drift.—Incline.* Located 17 miles South of Clarksburg, on the West Virginia & Pittsburgh Division of the B. & O. Railroad; it is opened up and developed on the double entry system. The ventilation is produced by a Stine fan of the disc type, with steam connections and is conducted to the working faces by means of wooden stoppings, doors, etc. The roof is very good except in places where clay veins are encountered; in these places, which are numerous, very careful timbering is necessary to prevent accidents, falls, etc. No gas liberates from the mine. The drainage in general is good, yet in a few places, by reason of local dips, it is bad, however, it is kept in as good condition as is consistent with ordinary mine methods. The undercutting is done by picks, blasting by permissible powder exclusively; the coal is gathered from the working faces and hauled to the outside at the head of the plane by horses and mules, from there it is lowered by traction to the tipple and dumped into the railroad cars. State Mine Laws are observed. This mine, during the later part of the inspection year, by reason of litigation, or for some other reason unknown to the inspector, was, by order of the Court, placed in the hands of a receiver, since which time the mine has been closed. The output of this mine, when in operation, was dumped into the railroad cars in connection with the output of Mine No. 2 belonging to the same Company, which operates in the Pittsburgh Seam. With present conditions, which are adverse, with a full force of men, this mine could not produce more than 400 tons daily.

R. J. KROGER, *General Manager.* C. F. LIMER, *Mine Foreman.*
C. F. LIMER, *Superintendent.* MARSHALL LIMER, *Asst. Mine Foreman.*

UPSHUR.

BUCKHANNON RIVER COAL & COKE COMPANY.

ADRIAN.

General Office, Uniontown, Pa.

No. 269. *Florence.—No. 2.—Masontown Seam.—Drift—Engine Plane.*— Located 1 mile West of Adrian, on the Coal & Coke Railroad. The openings are made on the triple entry system and the major part of the entire development is on this system; the ventilating current is produced by a Connellsville fan of the centrifugal type, with electric connections and is conducted to the working faces by means of wooden stoppings, doors, etc. No gas liberates from the coal. The roof is exceedingly good throughout; for this reason, systematic timbering of the working places has been neglected, yet falls of roof, except near the outcrop, seldom occur. The drainage in most places, is exceedingly good, yet, by reason of a local dip, some standing water was found on date of last visit. The coal is undercut by means of electric machines of the chain type and blasted with permissible explosives, is gathered and hauled to the side tracks by horses and mules and from there to the foot of the engine plane by an electric motor, from where it is hoisted onto the tipple by an endless rope propelled by electric power, to which the loads are attached by means of hand grips and dumped into the railroad cars. In the near future, this mine will be connected underground with No. 1 belonging to the same Company, which has not been in operation during the past year. State Mine Laws were being observed on date of visit. With a full force of men, with the present equipment and development, this mine is capable of producing 700 tons daily.

T. S. LACKEY, *General Manager.* WADE CORLEY, *Mine Foreman.*
R. J. HUMPHREYS. *Superintendent.*

NEWCOMER COAL COMPANY.

TETER.

General Office, Philippi.

No. 270. *Newcomer—Redstone Seam—Drift.* The location is seven miles northeast of Buckhannon, on the Buckhannon & Belington Branch of the B. & O. Railroad. It is opened up and developed on the double entry system; the ventilation. when the mine was operating normally, was producel by a furnace; on date of last visit, however, there were but two men working in the mine and no fire was kept in the furnace. The roof is unusually bad on account of the very numerous clay veins encountered, and requires very careful timbering. The drainage also along main heading is bad, but in the working places it is good. The coal is undercut by picks and blasted with black powder, is haulel to the tipple by horses and mules and dumped into the railroad cars. State mine laws were being observed while the mine was operating with five or more men on the inside. No gas liberates from the coal. On account of the abnormal conditions found as to clay veins, the capacity of the mine is hard to estimate, yet, on date of last visit, the maximum production, with a full force of men, could not have exceeded 50 tons daily.

H. M. CRAWFORD, *Lessee & Supt.* ED SHAFFER, *Mine Foreman.*

RED ROCK FUEL COMPANY.

RED ROCK.

General Office, Fairmont.

No. 271. *Red Rock—Redstone Seam—Drift.* Located three miles west of Buckhannon, on the Buckhannon & Weston Branch of the B. & O. Railroad; it is opened up and all development is being made on the double entry system. The ventilation is produced by a Stine fan of the disc type, with electric connections, which is conducted to the working faces by means of approved stoppings, doors, etc. The roof is exceedingly good, except in places where clay veins are encountered, where careful and prompt timbering must be done to insure safety from falls of slate. No gas liberates from the coal. The undercutting is done by electric machines of the chain type; the blasting is done with permissible powder exclusively; the coal is gathered from the working faces and hauled to the tipple, by electric motors, this tipple being of the twin type, which spans the ravine separating this mine from No. 2 in the opposite hill, belonging to the same company. The output of both mines (when in operation) is dumped into the railroad cars over the above described tipple. Tre drainage is good throughout. State mine laws are being observed at this time. This mine is capable of producing 400 tons daily, with a full force of men, with the conditions prevailing on date of last visit.

GEORGE DEBOLT, *Manager*. WILLIAM REPPERT, *Mine Foreman*.
H. S. REPPERT, *Superintendent*.

THIRD DISTRICT

GENERAL SUMMARY FOR THE THIRD MINING DISTRICT FOR THE YEAR ENDING JUNE 30TH, 1914.

			EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
COUNTY.	No. of Openings.	No. of Persons Killed.	Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Barbour (part)	13	4	357	296	66	306	1,025	137	12	149	1,174	1,050,437	25,352
Harrison (part)	1	....	37	.....	....	2	39	4	....	4	43	23,812	165,053
Monongalia	8	3	227	35	11	71	344	39	45	84	428	400,046	102,728
Preston	21	6	688	217	62	255	1,222	200	99	299	1,521	1,281,181	....
Taylor	12	6	321	497	65	162	1,015	153	8	161	1,206	1,068,772	34,100
Totals	55	19	1,630	1,045	204	796	3,675	533	164	697	4,372	3,824.248	327,233

OFFICE OF THIRD DISTRICT MINE INSPECTOR.
GRAFTON, August 5, 1914.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston,

DEAR SIR:—I herewith submit to you my annual report as Inspector of the Third Mining District, for the year ending June 30, 1914.

This district is composed of the following counties: Part of Barbour, and Harrison (one mine,) all of Monongalia, Preston and Taylor. It is with great pleasure that I report the mines in a very good condition, especially the mines that have worked regularly during the past year, so far as ventilation and general safety are concerned.

I have made about 250 inspections during the year, and sent out several letters to the operators and miners, calling their attention to the dangers incident to mining.

The miners and officials have always been willing to adopt any method that I have suggested or recommended, after showing good cause for such suggestions and recommendations, that tend to put their mines in a more safe and sanitary condition. A good system of timbering has been adopted throughout my territory, which is productive of much good. Taking care of the coal dust is a matter that has been looked after very closely and well taken care of. I have always insisted that the coal dust be removed from the mines, and the portions that cannot be loaded out be either sprinkled or moistened by injecting steam into the intake air current. Many of the mines have electric pumps on their water cars with hose attached for sprinkling, while others have the old-fashioned water cars to keep the dry sections in a safe condition.

There has been a considerable amount of improvement done throughout the territory, in and around the mines, in the way of constructing coke ovens, new tipples built and new machinery installed to increase the power at different plants, also a number of miners' houses have been erected. A number of new mines have been opened up and some of the old mines have been repaired to a great extent.

The Virginia-Maryland Coal Corporation has taken over the Hamilton Coal & Coke Company's property at Newburg and has given the plant a general overhauling. The old wood head frame (which was a fire trap) has been torn down and a steel head house erected, equipping the mine with up-to-date cages. An emergency cage was placed in their second opening, and a considerable amount of concrete work has been done to reinforce the bottom of the shaft. A very extensive arch was built out from the bottom of the shaft and around same. Approximately $90,000 has been expended in the way of improvement.

A new shaft mine at Independence has been sunk 210 feet to the Kittanning seam of coal and equipped with all modern machinery. This promises to be one of the largest producers in the district.

The Allbright Smokeless Coal Company is opening up a new mine in Preston county, two and one-half miles north of Tunnelton, on the West Virginia Northern Railroad, into a very fine seam of Freeport coal. This mine promises to be a large producer within the next fiscal year.

The North American Coal Company, of Pittsburgh, Pa., is opening up a mine five miles north of Morgantown, on the Buckhannon and Northern Railroad. It is to be operated on the triple entry system, in the Pittsburgh seam of coal, near the Pennsylvania line.

It gives me great pleasure to report that, during the past year, there have been very few fatal and non-fatal accidents, according to the number of men working and tons mined. It is the Inspector's opinion that, if the system of timbering that has been adopted is properly carried out, the accidents will be reduced to a minimum.

In conclusion, I wish to say that, with a few exceptions, the miners and officials have been very courteous, and I take this opportunity to thank the operators, managers, suprintendents and miners for the courteous treatment I have received, also, I desire to thank you, as Chief of the Mine Department, for the advice and assistance that you have given me at all times, which has proven very valuable in the discharge of my duties, and I wish the department continued success.

Very respectfully yours,

L. D. VAUGHN,
Inspector, Third District.

BARBOUR.

CENTURY COAL COMPANY.

CENTURY.

No. 301. *Century No. 1—Redstone Seam—Shaft.* Located on a spur off the Buckhannon branch of the B. & O. Railroad, four miles from Lemley Junction, worked on the panel system. Ventilation, produced by a thirteen foot steam driven fan, is well distributed. The mine at one time gave off some little explosive gas, on my last few visits, I have been unable to detect any on the Wolf Safety lamp. Permissible powder is used exclusively. Overcasts are used and each section is aired separately; there are three main splits in the current and a number of subsplits; the stoppings, main heading and the main sectional headings are constructed of concrete and kept in good repair at all times. Has natural drainage, which is very unusual. A heading has been driven from the bottom of the shaft to the outside and from an eight to ten feet ditch was made along this hearing, which drains all the water coming to the bottom of the shaft to the outside. The roof is of a black slate and generally good throughout. Timbering is well taken care of and accidents from roof falls have been reduced to a minimum. The laws and rules are well observed by the management and the miners. All supplies required by law are kept on hand.

BENJ. BISSELL, *Manager.*
Baltimore, Md.
JOHN PHILLIPS, *Superintendent.*
Century.

WM. WATKEYS, *Mine Foreman.*
JOHN POKES, *Fire Boss.*
JOHN DONOHOE, *Fire Boss.*
J. M. LOUGH, *Fire Boss.*
Century.

CENTURY COAL COMPANY.

CENTURY.

No. 302. *Century No. 2—Redstone Seam—Drift.* Located on a spur off the Buckhannon branch of the B. & O. Railroad, operating on the double heading system and worked in sections, is connected with the No. 1 and both are ventilated by the same fan, which is thirteen feet in diameter and furnishes sufficient air for the men employed. The roof is generally good, but bad in local places. A regular system of timbering has been adopted and enforced. The coal is gathered with mules from the rooms to the side tracks in cross headings and hauled to the tipple by a Whitcomb gasoline motor, over four and six per cent grade against the loads, which has not given very good satisfaction. A few outside improvements have been made and twelve double houses are now under construction for the accommodation of the miners.

BENJ. BISSELL, *Manager.*
Baltimore, Md.
JOHN PHILLIPS, *Superintendent.*
Century.

H. G. MUNDY, *Mine Foreman.*
Century.

CONSOLIDATION COAL COMPANY.

BERRYBURG.

No. 303. *No. 37—Pittsburgh Seam—Drift.* Located at Berryburg, on a branch of the G. & B. Railroad, opened up on the triple entry system. Ventilation is produced by two fans; the south side fan is steam driven, eleven feet in diameter, and gives good results; the north side (these are practically two mines, as they are not connected) is ventilated by a seven foot electrically driven fan, which also produces plenty of air. The roof in these two openings is about the same, a thin draw slate, which comes down when all the coal is taken out, but usually about eighteen inches of head coal is left up to secure the draw slate; a good system of timbering has been adopted in both openings and is well taken care of. Drainage is good. The south side of this mine at one time liberated some explosive gas, especially when a clay vein was encountered, but not in dangerous quantities, however, this source of danger is taken care of by proficient mine foremen and fire bosses. Permissible powder is used exclusively and shot firers are employed. The mine laws and general rules are complied with. Rules are posted in conspicuous places in the tipple, blacksmith shops, etc.

H. H. WATSON, *Manager.*
Fairmont.
W. W. FERGUSON, *Supereintendent.*
Berryburg.

LEE COTRILL, *Mine Foreman.*
Berryburg.
THOS. RICHARDSON, *Asst. Mine Foreman.*
Berryburg.
A. A. SHAW, *Fire Boss.*
A. H. SHAW, *Fire Boss.*
Berryburg.

H. M. CRAWFORD COAL COMPANY.

PHILIPPI.

No. 304. *Adma.* Located on the B. & O. R. R., operating in the Lower Freeport seam, which is seven feet in thickness, ventilated by furnace. This mine has not been in operation since the first of the year.

DAVIS COAL & COKE COMPANY.

DARTMOOR.

No. 305. *Dartmoor No. 4—Lower Kittanning Seam—Slope.* Located near Junior, two miles south of Belington, on the G. & B. branch of the B. & O. Railroad, has been in operation about two years on the triple entry system. Ventilation is produced by a twelve foot steam driven fan, and is very good. Drainage is good, handled by pumps and ditched. The roof is of a soft and shaley nature and becomes very dangerous after the coal is removed. Stoppings are constructed of laths and fibre plastering giving good results. The timbering is well taken care of.

The output is from 800 to 1,000 tons per day. The mining laws are complied with.

R. P. MALONEY, *Manager*.
Thomas.

H. H. HARRISON, *Superintendent*.
Dartmoor.

GEO. ADAMS, *Mine Foreman*.
Dartmoor.

DAVIS COLLIERY COMPANY.

JUNIOR.

No. 306. *Junior No. 4—Drift*. Located at Junior, on the Western Maryland Railroad, operating on the double entry system. This seam of coal has always been reported as the Upper Freeport, but according to Dr. White, the geologist, it is the Lower Kittanning of five feet, ten inches in thickness, and the cross sections bear out the truthfulness of his report. The mine has not worked very steadily during the past year and the entire output has been converted into coke. The roof is very dangerous and of a soapstone nature, which is very difficult to hold with timber, however, this feature is well taken care of by the officials and men. Drainage is very good, except in local swamps. Ventilation, produced by a sixteen foot steam driven fan, is well distributed. The laws are well observed and all supplies are on hand.

WALLACE BISCHOFF, *Gen. Supt.*
Elkins.

JOHN DAVIS, *Manager*.
Elkins.

W. S. WILSON, *Superintendent*.
Junior.

W. A. SHOMO, *Mine Foreman*.

GAGE COAL & COKE COMPANY.

JUNIOR.

No. 307. *Sarah—Lower Kittanning Seam—Drift*. Located at Gage, on the Western Maryland Railroad, one mile south of Junior, opened up on the double entry system. Ventilation is produced by a fourteen foot steam driven fan, which gives good results. Roof is bad in places, timbering good, drainage good, principally by ditches. This mine is operated by the Gage Coal & Coke Company, of Pittsburgh, Pa. During the past year there has been considerable improvement, thirty-five new coke ovens have been built, making sixty in all, one Covington coke drawing machine has been installed, one nine foot S. C. Webb coal breaker, cleaner, elevating and conveying machinery, a 250 ton bin to hold coke in storage for coke ovens, coke track extended, etc., at a cost of approximately $40,000; no permanent improvements of any note in the mine.

GEO. HINKLE, *Manager*.
Pittsburgh, Pa.

H. C. HASKINS, *Supt. & Mine Foreman*.
Junior.

GRAFTON FUEL COMPANY.

LILLIAN.

No. 308. *Lillian No. 1—Mahoning Seam—Drift.* Located at Lillian, on the B. & O. Railroad, thirty-five feet above the Freeport coal, operating on the double entry ystem. Ventilation is produced by a furnace. This mine has not been in operation during my term of office and as a result I have never inspected it.

L. B. BRYDON, *Manager.* J. W. MARTENEY, *Mine Foreman.*
Grafton.
W. S. BRYDON, *Superintendent.*
Lillian.

GRAFTON FUEL COMPANY.

LILLIAN.

No. 308-a. *Lillian No. 2—Upper Freeport Seam—Drift.* Located at Lillian, five miles south of Philippi, on the G. & B. branch of the B. & O. Railroad, operating on the double entry system. Ventilation, produced by a thirteen foot steam driven fan, gives good results. Roof, timbering and drainage are good, and the mining conditions are good throughout. Laws and rules are generally well observed.

L. B. BRYDON, *Manager.* J. W. MARTENEY, *Mine Foreman.*
Grafton. *Lillian.*
W. S. BRYDON, *Superintendent.*
Lillian.

HUMPHREYS COAL COMPANY.

PHILIPPI.

No. 309. *Humphreys—Upper Freeport Seam—Drift.* Located at Philippi, on the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a six foot steam driven fan, and has always been satisfactory. Roof, timbering and drainage are good and the mining conditions are good throughout. Some outside improvements have been made, a new power house erected and ten or twelve new houses have been built to accommodate the miners. The output of this mine is used for steam purposes. The laws are complied with and rules are well observed.

I. A. BOUCHER, *Manager.* JOHN SWICK, *Mine Foreman.*
Philadelphia, Pa. *Philippi.*
J. E. SHANNON, *Superintendent.*
Philippi.

LAUREL CREEK COAL COMPANY.

GRAFTON.

No. 310. *Laurel—Upper Freeport Seam—Drift.* Located on the G. & B. R. R., nine miles north of Philippi, worked on the double entry system. Ventilation is produced by a furnace; it is a small mine. Roof, timbering and drainage fairly good. Laws are complied with.

W. S. BRYDON, *Superintendent.* H. A. FEATHERS, *Mine Foreman.*

LUELLA COAL & COKE COMPANY.

PHILIPPI.

No 311. *Luella—Upper Freeport Seam—Drift.* Located near Arden, on the G. & B. branch of the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a furnace and has always been satisfactory. Roof, timbering and drainage good. Laws are well observed and rules posted at the mine.

H. M. CRAWFORD, *Mgr. & Supt.* J. J. ROBINSON, *Mine Foreman.*
Philippi. *Arden.*

LEE J. SANDRIDGE COAL COMPANY.

MERIDEN.

No. 312. *Meriden Nos. 1, 2, 3 & 4—Upper Freeport Seam—Drifts.* Located one and one-half miles north of Philippi, on the G. & B. branch of the B. & O. Railroad, operating on the double entry system; this is a six foot seam of coal. Ventilation is produced by a sixteen foot steam driven fan and has always been satisfactory. These openings are connected underground, with the coal from the Nos. 1, 2 and 3 mine going over one tipple. The No. 4 mine has been idle for the past two years, and the coal from this opening goes over a separate tipple. These openings are very dry and dusty, but are well taken care of by the exhaust steam from the fan being conducted into the mine, winter and summer, which keeps the air well moistened. The mining conditions are ideal. Roof, timbering and drainage are good. Mine laws and rules are complied with in every respect.

LEE J. SANDRIDGE, *Manager.* GUY BENNETT, *Mine Foreman.*
Meriden. *Meriden.*

TYGART'S RIVER COAL COMPANY.

ARDEN.

No. 313. *Arden No. 1—Upper Freeport Seam—Drift.* Located eight miles north of Philippi, on the G. & B. branch of the B. & O. Railroad, operating on the double entry system, six foot seam of coal. Ventilation is produced by a twelve foot steam driven fan, and is very satisfactory. The roof is of a hard slate. The mining conditions are very good. The mine is somewhat dusty and requires constant attention, but this matter is carefully looked after. Timbering and drainage are good. This company was in the hands of receivers for quite a while, William Morgan, of Grafton, being one of the receivers, and principal creditors took the property over and is now operating same.

WILLIAM MORGAN, *Manager.* *Arden.*
Grafton. MR. —— MITCHELL, *Mine Foreman.*
IRA HUFFMAN, *Superintendent.*

HARRISON.

HARRISON COAL COMPANY.

ROSEMONT.

No. 314. *Harrison—Pittsburgh Seam.—Drift.* Located twelve miles west of Grafton, on the B. & O. Railroad, operating a seam of coal which varies in thickness from seven to nine feet; it is opened up on the double entry system. Ventilation is produced by a four foot gasoline driven fan and is very good as long as the fan is kept running, but the air is not as well distributed as it should be, due to two reasons: Stoppings are not kept up as they should be and many places are driven to the outside, which cause the air to short circuit; there has been some improvement on the system of timbering and ventilation; also, permanent improvements made at the drift mouth, old timbers removed and the pit mouth retimbered with heavy collars for a distance of about 100 feet. The roadway has been raised and filled in, making this part dry and properly drained, which is a great improvement. The coal is lowered over a 600 feet gravity plane to the tipple. The laws are generally observed.

H. G. SMITH, *Superintendent.*
Rosemont.

H. G. SMITH, *Mine Foreman.*
Rosemont.

A. G. SMITH, *Manager.*
Meyersdale, Pa.

MONONGALIA.

ANTLER COAL COMPANY.

UFFINGTON.

No. 315. *Grant—Pittsburgh Seam—Drift.* Located at Round Bottom, on the west side of the Monongahela river, six miles south of Morgantown, on the B. & O. Railroad, operating on the double entry system. Ventilation is produced on one side of the mine by natural means, the west side, by furnace, and on my last inspection was very good. The roof is good, except where it is worked near the crop. The drainage is very good and mostly by ditch. The coal is conveyed across the Monongahela river by rope and buckets to a siding on the B. & O. Railroad, where it is dumped into the railroad cars. Everything to comply with the law is kept on hand.

T. W. ARNETT, *Manager.*
Fairmont.

E. O. PERKEY, *Mine Foreman.*
Uffington.

E. O. PERKEY, *Superintendent.*

CONNELLSVILLE COAL & COKE COMPANY.

OPEKISKA.

No. 316. *Opekiska—Pittsburgh Seam—Drift.* Located at Opekiska, ten miles north of Fairmont, on the Pittsburh branch of the B. & O. Railroad, operating on the double entry system. This mine was formerly owned and operated by the Pittsburgh Steam Coal Company, but, during the year, was taken over by the Connellsville Coal & Coke Company.

Natural ventilation is very good. The coal is lowered from the mine to the tipple by a gravity plane. A part of the coal is shipped for steam purposes and a part coked at the plant. The mine law is complied with, in regard to stretchers, blankets, etc. Rules to govern the mine are posted.

E. L. MILLER, *Manager.* C. MALONE, *Supt. & Mine Foreman.*
Connellsville. *Opekiska.*

CONSOLIDATION COAL COMPANY.

BEECHWOOD.

No. 317. *No. 30—Pittsburgh Seam—Drift.* Located twelve miles north of Fairmont, on the Pittsburgh branch of the B. & O. Railroad, operating on the double entry system. Natural ventilation is good. The entries and the majority of the rooms are driven to the out crop, which makes the air good. A good system of timbering has been adopted. The head coal is left up in some parts, which makes a good roof. The greater part of the mine has been worked out or exhausted during the past year. Blankets and stretchers are kept on hand and mine rules are posted at the proper places. There has never been an air record kept during my term, as there are so many openings to the outside that it is a hard matter to obtain a correct reading. The laws are reasonably well complied with.

H. H. WATSON, *General Manager.* J. H. YODER, *Mine Foreman.*
Fairmont. *Beechwood.*
J. A. COOK, *Superintendent.*
Montana Mines.

ELKINS COAL & COKE COMPANY.

RICHARD.

No. 318. *No. 1—Upper Freeport Seam—Drift.* Located four miles south of Morgantown, on the M. & K. Railroad, operating on the double entry system. Ventilation, produced by a twenty foot steam driven fan, is well distributed and sufficient for the number of men working. The roof is very good, of a hard bone coal and is brushed down in the headings for height. This is a very dry and dusty mine, the air being humidified by steam injected, winter and summer. The timbering is good and a regular system has been adopted. During the past year the haulage roads have all been made, as to space and refuge holes, to comply with the law. The management is to be commended for their compliance with the instructions given and the laws of the state.

J. B. HANFORD, *Superintendent.* C. T. BARNARD, *Mine Foreman.*
Morgantown. *Richard.*

ELKINS COAL & COKE COMPANY.

RICHARD.

No. 319. *No. 3—Upper Freeport—Drift.* Located at Richard, on the M. & K. Railroad, ventilated by a three foot electrically driven fan and the air is well distributed. The entire output is used by the M. & K. Railroad for steam purposes. The roof is good and well timbered with a hard bone coal. Drainage good. The laws are complied with.

J. B. HANFORD, *Superintendent*, *Morgantown*.

C. T. BARNARD, *Mine Foreman*, *Richard*.

JACK HALL, *Asst. Mine Foreman*, *Richard*.

ELKINS COAL & COKE COMPANY.

MORGANTOWN.

No. 320. *Nos. 4 & 5—Pittsburgh Seam—Drifts*. Located two and one-half miles south of Morgantown, on the M. & K. Railroad, operating on the double entry system. No. 5, which is the older mine, is practically all worked out; a tunnel is driven through to a tract of coal that was lying north of the No. 5 tract, where the No. 4 is opened and the coal conveyed through to No. 5, thence from the mouth of No. 5 over a two mile trolley line to the tipple, on the M. & K. Railroad, at Sabraton. The coal is used for steam and domestic purposes. These mines are ventilated by two electrically driven fans, which have always given good results. The roof is very treacherous, due to three causes: Draw slate, clay veins and light covering, this, however, has been well taken care of by the management, a regular system of timbering having been adopted early in the year, which reduced the accidents from roof falls to a minimum. My suggestions and recommendations have always been carried out and the law complied with. All the necessary requirements are kept on hand.

J. B. HANFORD, *Superintendent*, *Morgantown*.

FLOYD GANDY, *Mine Foreman*, *Morgantown*.

GREAT SCOTT COAL & COKE COMPANY.

MORGANTOWN.

No. 321. *Great Scott—Pittsburgh Seam—Drift*. Located three miles north of Morgantown, operating on the double heading system. The mine is ventilated by natural means, but, on my last visit, it was not as it should be and I instructed the company to erect a furnace, which they agreed to do. The output is very small, about ten men working on same. The main heading is driven through the hill a distance of 3,000 feet. The coal is a good quality and is situated on the south side of the Connellsville basin. The natural conditions are excellent. The coal is conveyed from the mines across the Monongahela river to the tipple on the Pittsburgh branch of the B. & O. Railroad, running from Fairmont to Pittsburgh, by an aerial plane. Owing to the depressed conditions of the coal business, the mine has not operated regularly during the past year. This could be made an ideal mine, as the Buckhannon and Northern Railroad has been completed to Fairmont, and the opening of this property lies within one-half mile of this railroad; an easy grade could be made up Scott Run, bringing the same to tipple height at pit mouth. There are, approximately, 400 acres of this Pittsburgh seam belonging to the company, adjacent to several other tracts of the Pittsburgh seam belonging to the Fairmont Coal Company and individuals; they have also a small portion of the Sewickley seam, which is available, but has never been opened up. The laws are generally complied with.

ALEX. G. TAIT, *General Manager.* W. H. DEETS, *Mine Foreman.*
Morgantown. *Morgantown.*
A. G. TATE, *Superintendent.*

SOUTHERN CONNELLSVILLE COKE COMPANY.

CHEAT HAVEN, PA.

No. 322. *Marion No. 2—Pittsburgh Seam—Drift.* New, operating in the Pittsburgh seam in the Connellsville basin, near the Pennsylvania line, in Monongalia county. The coal is conveyed over tram road to and through Marion No. 1, which is located at Cheat Haven, Pa., to the head of aerial plane and across the Monongahela river in buckets to their coke plant at Cheat Haven. Ventilation is produced by a furnace and is sufficient for the number of men working. The mine is kept in an excellent condition, the West Virginia law being complied with in every particular. On my last visit to the mine there were 50 men working inside and three outside.

S. A. CARSON, *Gen. Supt.* A. LAING, *Mine Foreman.*
Uniontown, Pa. *Cheat Haven, Pa.*

PRESTON.

AUSTEN COAL & COKE COMPANY.

AUSTEN.

No. 323. *Austen No. 1—Upper Freeport Seam—Drift.* Located near Austen, on the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a thirteen foot force fan. This mine is a very old one with an extensive development. The roof in some parts is bad, having a draw slate of a soapstone nature, which makes it very dangerous to operate. The timbering is well looked after and the mining law complied with. During the past year the company suffered a great loss by fire, burning the tipple and a Bradford breaker and destroying about all the outside equipments at the entrance, fortunately, their power house was built several hundred yards away from the tipple and was not destroyed; the company proceeded immediately to construct a temporary tipple; a permanent tipple is now under construction and will be ready to operate their mine in a short time. The ventilating fan was not destroyed and is operated by electricity, which enables them to ventilate the mine so it can be kept clean and ready for operation soon as the tipple is completed.

C. H. ZHENDER, *Manager.* JNO. T. COOK, *Mine Foreman.*
New York. *Austen.*
F. W. HORCHLER, *Superintendent.*
Austen.

AUSTEN COAL & COKE COMPANY.

AUSTEN.

No. 324. *Austen No. 2—Upper Freeport Seam—Drift.* Located near Austen, on the B. & O. Railroad, operating on the double entry system. Ventilation is produced by an eight foot steam driven fan and is well distributed. The roof in some parts is good, while, in other parts, irregular and bad, having a draw slate to contend with, but this is well taken care of by a proper system of timbering. Stretchers, blankets, etc., are kept on hand. Rules to govern the mine are posted in compliance with the law.

C. H. ZHENDER, *Manager.* F. H. JONES, *Mine Foreman.*
New York. *Austen.*
F. W. HORCHLER, *Superintendent.*
Austen.

BORGMAN COAL COMPANY.

TUNNELTON, R. F. D.

No. 325. *Borgman—Upper Freeport Seam—Drift.* Located four miles west of Kingwood, on the West Virginia Northern Railroad, operating on the double entry system. Ventilation is produced by an eight foot steam driven fan and is well distributed. Roof, timbering and drainage are good. The management co-operates with the Mine Department in every respect. This mine is opened some distance below the railroad and the coal is hoisted by rope and engine to the tipple and dumped into the railroad cars.

F. W. BORGMAN, *Superintendent.* F. W. BORGMAN, *Mine Foreman.*
Tunnelton, R. F. D. *Tunnellton, R. F. D..*

ELKINS COAL & COKE COMPANY.

BRETZ.

No. 326. *No. 2—Upper Freeport Seam—Drift.* Located at Bretz, on the M. & K. Railroad, operating on the double entry system. Ventilation is produced by a sixteen foot steam driven fan and is well distributed. Drainage is good, principally by pump. The mine was driven down to the bottom of the basin and a ten inch borehole was put down and the water pumped from the entire mine to the surface. The output is used for coking purposes. Stretchers, blankets, etc., are kept on hand in compliance with the law. Rules are posted at the mine in different languages.

J. B. HANFORD, *Gen. Supt.* JOS. HANFORD, *Mine Foreman.*
Morgantown. *Bretz.*

ELKINS COAL & COKE COMPANY.

KINGWOOD.

No. 327. *Kingwood No. 4—Upper Freeport Seam—Drifts.* Located one mile north of Kingwood, on a spur off the M. & K. Railroad, operating on the triple heading system. Ventilation, produced by a four foot electrically driven fan, is good and well distributed. Roof, timbering and drainage are in good condition and well taken care of. Stretchers and blankets are kept on hand and rules posted at the mine. All the provisions of the law are complied with. All the coal from these three mines goes over the one tipple and is used for steam and domestic purposes.

J. B. HANFORD, *Gen. Supt.* I. B. BOWERMASTER, *Mine Foreman.*
Morgantown. *Kingwood.*

ELKINS COAL & COKE COMPANY.

MASONTOWN.

No. 328. *Masontown No. 6—Upper Freeport Seam—Drift.* Located at Masontown, on the M. & K. Railroad, operating on the double entry system. Ventilation is produced by a sixteen foot electrically driven fan, and is well distributed. Drainage is good, handled by pumps and ditches. The roof is of a hard bone coal, which is brushed in the headings for height and left up in the rooms. A good system of timbering has been adopted and enforced. The mine laws are complied with.

J. B. HANFORD, *Gen. Supt.* H. F. LOFTIS, *Mine Foreman.*
Morgantown. *Masontown*

ELKINS COAL & COKE COMPANY.

REEDSVILLE.

No. 329. *Burk No. 7—Upper Freeport Seam—Drift.* Located near Reedsville, operating seams of coal about four feet in thickness; each opening is ventilated by a separate fan, electrically driven, and is sufficient for the men employed and the ventilation is well distributed. The output from the four openings goes over the one tipple and is used for steam and domestic purposes. Roof, timbering and drainage are well taken care of. A good system of timbering has been adopted. The management is to be commended for their zeal and co-operation with the Mine Department.

J. B. HANFORD, *Gen. Supt.* R. L. WOLF, *Mine Foreman.*
Morgantown. *Reedsville.*

GORMAN COAL & COKE COMPANY.

AUSTEN.

No. 330. *Gorman No. 1—Upper Freeport Seam—Drift.* Located one mile west of Tunnelton, on the B. & O. Railroad. This mine has not been operated for the past two years and is not in operation at the present time. The ventilation is very poor. The roof and timbering were very good on my last visit.

AUGUSTUS GORMAN, *Manager.* THOS. MURPHY, *Superintendent.*
Baltimore, Md. *Austen.*

GORMAN COAL & COKE COMPANY.

AUSTEN.

No. 330-a. *Gorman Nos. 2, 3 & 4—Upper Freeport Seam—Drift.* Located near Austen, on the B. & O. Railroad. Ventilation is produced by a ten foot compressed air driven fan. The roof is bad in places, due to draw slate and clay veins. Timbering is well taken care of. Drainage is good, principally by ditches. Stretchers and blankets are kept on hand, and the law is well observed.

AUGUSTUS GORMAN, *Manager.*
Baltimore, Md.
THOS. MURPHY, *Superintendent.*
Austen.
P. H. KNOTT, *Mine Foreman.*

HIORRA COKE COMPANY.

HIORRA.

No. 331. *Vulcan—Upper Freeport Seam—Drift.* Located four miles east of Newburg, on the B. & O. Railroad, operating on the double heading system, has worked very steady in the past year. Ventilation is produced by a twelve foot steam driven fan and has been found generally good and well distributed to the working places. Many faults and clay veins have been encountered in the past year, but, seemingly in the past few months, they have been able to get away from them; the faults and clay veins have made the roof somewhat treacherous, but the same is well taken care of by a good system of timbering. The management cooperates with the Mine Department in every respect.

W. A. STONE, *Manager.*
Uniontown, Pa.
G. L. HUMPHREYS, *Superintendent.*
Newburg.
A. G. DEAHL, *Mine Foreman.*
Hiorra.

HITE COAL & COKE COMPANY.

HIORRA.

No. 332. *Dixie—Upper Freeport Seam—Drift.* Located near Hiorra, on the B. & O. Railroad, has worked but very little during the past year and is opened up on the double entry system. Ventilation is produced by a disc fan, electrically driven, and is very satisfactory. The roof is bad and it is a very hard matter to keep the roadway and sides clean. The laws are generally well observed.

R. H. HITE, *Manager.*
Fairmont.
JNO. Y. HITE, *Superintendent.*
T. U. KEENER, *Mine Foreman.*
R. H. WILSON, *Mine Foreman.*

IRONA COAL & COKE COMPANY.

IRONA.

No. 333. *Irona No. 2—Upper Freeport Seam—Drift.* Located two miles west of Kingwood, on the West Virginia Northern Railroad, operating on the double heading system. Ventilation is produced by a ten foot steam driven fan and is sufficient for the men working. The mine has not worked very steadily during the past year, owing to the depression in the coal business. The output is used for steam and domestic purposes. Rules are posted and other requirements of the law are complied with.

J. H. WEAVER, *Manager.*
Philadelphia, Pa.
D. J. WILLIAMS, *Superintendent.* W. M. BRITTON, *Mine Foreman.*
Irona.

KENDALL LUMBER COMPANY.

CRELLIN, MD.

No. 334. *Arnold Run—Kittanning Seam—Drift.* Located three miles west of Crellin, Md., near the Maryland state line, has always been used, until one year ago, as a domestic mine until the Kendall Lumber Company began to operate it on a somewhat larger scale, loading railroad cars and shipping to the trade. The mine has never been reported in the annual report. Since my first visit to the mine, the law has been observed. I ordered stretchers, blankets, safety lamps, anemometer and record book to be furnished in compliance with the law. I also ordered rules governing the mine to be posted, which was done in compliance with my instructions.

W. M. CHAMBERS, *Manager.*
Fairmont.
C. W. REAM, *Superintendent.* P. L. MERCING, *Mine Foreman.*
Crellin, Md. *Crellin, Md.*

KINGWOOD COAL & COKE COMPANY.

HOWESVILLE.

No. 335. *Howesville—Upper Freeport Seam—Drifts.* Located at Howesville, on the M. & K. Railroad, operating on the double entry system, ventilated by furnaces and have been satisfactory at all times; they are closed down at present and have been for the past two or three months; both mines are opened up some distance below the railroad bed and the coal is hoisted into the tipple by engine and rope, the coal from both mines going over the same tipple; the entire output is used for steam and domestic purposes. The roof is of a hard sand rock and requires very little timbering. Drainage is good in all the working places, some water on the low side is ditched to the outside. The laws are complied with.

WILLIAM ATKINS, *Manager.*
Philadelphia, Pa.
ISAAC CONN, *Superintendent.*
Howesville.

C. W. MARTIN, *Mine Foreman.*
Howesville.

GORDON B. LATE COAL COMPANY.

INDEPENDENCE, R. F. D.

No. 336. *Late No. 1—Kittanning Seam—Slope.* Located on the Hardman branch of the B. & O. Railroad, eleven miles east of Grafton, operating on the double heading system. Ventilation is produced by a six foot steam driven fan. This is an old mine that was opened up and operated a number of years ago and reopened by the Irvington & Late Coal Company, operated for a short time, until now it is owned by the Gordon B. Late Coal Company; it is a very small mine, working about twenty men; so far, the principal part of this work has been crop places with a very thin covering, which makes the roof somewhat dangerous, but the timbering is well taken care of. The drainage is by pump. All the working places, except two at this time, are dry. The main heading and air course make some water, but is handled by pump.

GORDON B. LATE, *Manager.*
Independence.

MATT. MANNIX, *Supt. & Mine Foreman.*
Independence.

PRESTON COUNTY COKE COMPANY.

CASCADE.

No. 337. *Cascade Nos. 1, 2, & 3—Upper Freeport Seam—Drift.* Located at Cascade, on the M. & K. Railroad. Nos. 1 and 3 are ventilated by twelve foot steam driven fan and the ventilation is good. No. 2 is ventilated by a four foot disc fan, electrically driven, which produces sufficient air for the men employed. Drainage is good. Practically all the coal produced is used in the manufacture of coke; they have about 200 ovens. All the coal from these mines goes over the one tipple. All the requirements of the law are complied with.

EVERHART BIERER, *Superintendent.*
Morgantown.

CLYDE MARTENEY, *Mine Foreman.*
Cascade.

PRESTON FUEL COMPANY.

INDEPENDENCE.

No. 338. *Preston No. 1—Lower Kittanning Seam—Shaft.* Located at Independence, on the B. & O. Railroad, operating on the triple entry system, 210 feet deep; this is a new mine, owned and operated by the Irish Brothers, of Philadelphia, Pa. The coal is of a very fine quality, about five feet in thickness. The mining conditions are bad, due to the fact that the roof is of a soapstone nature and very difficult to hold with timber; it also gives off a considerable amount of gas and is worked with locked safety lamps of the Wolf type. Ventilation is produced by a sixteen foot steam driven fan and has always been satisfactory. The water is drained to the bottom of the shaft and pumped to the surface by a steam driven pump. The north side of the shaft, seventy-six feet back, has been concreted and re-inforced with steel beams and T rails. The overcasts are constructed of concrete. This mine promises to be one of the large producers of the district. The head frame and outside buildings around the shaft are of steel and brick. Several new houses have been built for the accommodation of the miners. The laws are complied with.

GEO. SCOTT, *Manager.* *Philadelphia, Pa.*	W. D. ROBERTS, *Mine Foreman.* *Independence.*
R. B. STEWART, *Superintendent* *Independence.*	W. C. WALES, *Fire Boss.* *Independence.*

SOMERSET SMOKELESS COAL COMPANY.

TUNNELTON.

No. 339. *Tunnelton—Upper Freeport Seam—Drift.* Located at Tunnelton, on the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a sixteen foot steam driven fan and is well distributed throughout the mine. The roof is of a bone coal and hard sand rock and, in places where the bone coal is left, the roof requires careful timbering, but, where it is taken down in the working places up to the sand rock, careful timbering is not necessary. The drainage has been greatly improved upon, in the past twelve months, by pump and ditches. They have at this mine a steel tipple and picking table. This is one of the largest producers in the district. The requirements of the law are fully observed as to stretchers, blankets, safety lamps, anemometers and record book. The air readings are taken twice each month and recorded in a book as required by law.

E. L. MORRIS, *Manager.* *Pittsburgh, Pa.*	H. ZINN, *Mine Foreman.* *Tunnelton.*
J. W. WATKINS, *Superintendent.* *Tunnelton.*	

VIRGINIA-MARYLAND COAL CORPORATION.

NEWBURG.

No. 340. *Scotch Hill—Lower Kittanning Seam—Shaft.* Three hundred and sixty feet deep, located at Newburg, on the B. & O. Railroad, operating on the triple entry system; 170 feet from the surface is the Freeport coal and has been operated to some extent, but not in the past five years; the lower seam, or Kittanning, is a very gaseous seam of coal and is worked exclusively with locked safety lamps of the Wolf type; at present, the mine is being ventilated by two fans, a twenty foot fan at the surface and a six foot disc fan used as a booster underground and the ventilation is conducted to the working faces by check curtains and canvas. The company installed a sixteen foot Clifford fan, but it did not give satisfaction, and was not operated but a short time. The ventilation has never been satisfactory in every particular. Since the new company has taken this property over, there has been a considerable amount of money expended in the way of improvment, in and around the mine; concrete arches have been built to re-inforce the bottom of the shaft, a steel head house constructed and Leppley cages and safety catches installed. The air shaft or second opening has been equipped with an emergency cage of the same type. New boilers have been installed and several miners' houses erected. Approximately $100,000 has been expended. The officials and miners are doing everything within their power to comply with the law and have "Safety the first consideration."

Irving Adams, *Manager.*
Baltimore, Md.
L. C. Stephenson, *Supt.*
Newburg.

John Lennox, *Mine Foreman.*
Newburg.

JOHN WILLS.

Corinth.

No. 341. *Wills No. 4—Lower Kittanning Seam—Drift.* Located eight miles north of Oakland, Md., on the B. & O. Railroad, two openings, one a drift, the other a slope. The drift opening is very nearly exhausted and the slope has not been in operation for a number of years and is now standing full of water. The drift opening is ventilated by a twelve foot steam driven fan, but owing to the bad conditions of the stoppings and the congested conditions of the airway, the fan is unable to supply sufficient air to the men who are working more than a mile away, however, the headings and rooms are driven to the surface and caved into daylight and this has supplied the men with sufficient air. This mine was formerly owned by S. H. Jordon Coal Company, but now it is being operated by John Wills on a very small scale. On my last visit to the mine, the superintendent informed me that the company intended to make another opening into the property and operate on a larger scale; the holdings of the company at this point are something like 2,000 acres, of which, I presume, fifteen or twenty have been worked out. The laws are complied with.

John Wills, *Manager.*
Philadelphia, Pa.
M. C. Kelley, *Superintendent.*
Corinth.

H. Koontz, *Mine Foreman.*
Corinth.

TAYLOR.

T. B. DAVIS.

Flemington.

No. 342. *T. B. Davis Nos. 1 & 2—Pittsburgh Seam—Drifts.* The No. 1 mine is located near Flemington, on the B. & O. Railroad; the coal is all worked out and abandoned, except a tunnel way, which was reserved through the hill to another tract of coal into which the No 2 mine has been opened; the coal from No. 2 mine is hauled through the old No. 1 by rope and dumped over the same tipple. The seam varies in thickness from seven to ten feet, and is operating on the double entry system. Ventilation is produced by a six foot steam driven fan. Roof, timbering and drainage are in an excellent condition. The mining conditions are somewhat above the average of the Pittsburgh seam in this section. The "Safety First" rule is well observed by every one connected with the management. Rules for the government of the mine are posted, also safety rules and danger signs are placed at every available place, such as engine houses, fan houses, pit mouth and trap doors. Arrows are painted and placed every fifty or sixty feet on each side of the traveling way, pointing to the second opening. The accidents are reduced to a minimum, in comparison with other mines in this section. The management is to be commended for their zeal and co-operation with the Mine Department. Stretchers and blankets are kept on hand and the mining laws are complied with.

WILLIAM HESKETT, *Manager.* W. M. DRANIER, *Mine Foreman.*
Piedmont. *Flemington.*

GRAFTON COAL & COKE COMPANY.

GRAFTON, R. F. D. No. 6.

No. 343. *Sand Lick No. 1—Pittsburgh Seam—Drift.* Located near Simpson, on a spur off the Parkersburg branch of the B. & O. Railroad, operating on the double entry system. Ventilation is produced by natural means. Drainage is very good in the working places. Roof is bad in some parts and somewhat treacherous, but well taken care of by timbering. This is all pillar work and is being drawn back very rapidly. The laws and rules are generally well observed.

L. B. BRYON, *Manager.* HOMER YATES, *Mine Foreman.*
Grafton. *Grafton, R. F. D. No. 6.*
ED. J. FAHEY, *Superintendent.*
Grafton, R. F. D. No. 6.

GRAFTON COAL & COKE CO.

GRAFTON, R. F. D. No. 6.

No. 343-a. *Sand Lick No. 2—Pittsburgh Seam—Drift.* Located at Sand Lick, near Flemington on the B. & O. Railroad, operating on the double entry system. Natural ventilation. This is a new mine opened up into a small tract of coal that was purchased from the Maryland Coal Co. After being driven in a short distance and striking a fault, which cut the entire seam out, the mine has not been a paying proposition. The cover is very light and the numerous clay veins have caused the roof to be very treacherous. The roof coal is left up in a few places and this enables the miners to work their places with safety. The timbering is well taken care of. The coal is lowered to the Sand Lick No. 1 tipple by rope over a gravity plane, all the coal from mines No. 1 and 2 going over the same tipple. The laws are complied with.

L. B. BRYDON, *Manager*,
Grafton.

ED FAHEY, *Supt.*
Grafton, R. F. D. No. 6.

HOMER YATES, *Mine Foreman*,
Grafton, R. F. D. No. 6.

MARYLAND COAL COMPANY OF WEST VIRGINIA.

SIMPSON.

No. 344. *Wendel Nos. 1 & 4—Pittsburgh Seam—Drifts.* Located at Wendel, eleven miles west of Grafton, operating on the double entry system. Ventilation is produced by fans which give good results. The roof, timbering and drainage are good in all these openings. In the No. 1 Mine, there have been two concrete overcasts constructed and reinforced with steel; in No. 4 Mine, there have been three concrete overcasts constructed and put in operation, also eighteen concrete stoppings, and one four-and-one-half foot fan put in operation at the rear of the mine. The laws are generally well complied with.

DAVID WILLIAMSON, *Supt.*,
Grafton, R. F. D. No. 6.

WILLIAM KEEFE. *Mine Foreman*,
Grafton, R. F. D. No. 6.
E. LOVE, *Mine Foreman.*

MARYLAND COAL COMPANY OF WEST VIRGINIA.

SIMPSON.

No. 344-a. *Wendel No. 2—Pittsburgh Seam—Drift.* Located at Wendel, eleven miles west of Grafton, opposite the Wendel No. 1 tipple. This is a new mine being in operation only eight or ten months, operating on the double entry panel system, is fitted up with all the modern improvements, the stoppings and overcasts on all the main headings are conconstructed of concrete re-inforced with steel, the haulage roads are on the double track system and laid with forty pound steel, with side tracks on each road holding fifty or more mine cars. The capacity of the tipple running from two-thousand-five-hundred to three-thousand tons per day. The mine being opened on the low side of the field, the main headings are driven to the rise and all butt or room headings are driven on line of strike, the rooms paralleling the main headings, which give the company the advantage both in haulage and drainage, this being about one and one-half per cent grade in favor of loads. This mine has one of the best systems of ventilation in the State, being produced by a Jeffrey nine foot-four inch centrifugal fan, driven by a twenty-five horse power motor. The "Safety First" rule is adopted and enforced by all the officials of the company. The system of timbering is good, carrying three rows of props each way, in all the places that are driven eighteen feet or more in width; since this system has been adopted, there has not been an accident reported, fatal or non-fatal, caused from roof falls, which is evident that, if the timber question is properly taken care of in all the mines, accidents from this source would be reduced to a minimum. The roof is very good, with the exception of six inches of draw slate which is taken down in all the working places where it becomes at all dangerous.

it is very strange to say, that this mine has not had a clay vein to contend with. The mine laws are well observed.

DAVID WILLIAMSON, *Supt.*, *Grafton, R. F. D. No. 6.*	WM. KEEFE, *Mine Foreman.* *Grafton, R. F. D. No. 6.*
J. W. GALLOWAY, *Mgr.* *1, Broadway, N. Y.*	

McGRAW COAL COMPANY.

SIMPSON.

No. 345. *New York No. 1—Pittsburgh Seam—Drift.* Located at Simpson, on the Parkersburg branch of the B. & O. Railroad, operating a seam of coal which varies in thickness from seven to nine feet, on the double entry system. Ventilation is produced by a sixteen foot steam driven fan and is very satisfactory. There are quite a number of clay veins, which give off more or less fire damp and make the roof very treacherous; for this reason, the mine requires very close attention, but is well taken care of by a good system of timbering. The mine is very dry, but the dust is taken care of, being removed from the roadway and sprinkled where necessary. The exhaust steam from the fan and live steam from the boilers is injected into the mine to humidify the air and keep the dust moistened, which renders it harmless. The management co-operates with the Mine Department in every particular and laws are fully complied with.

JOHN BROPHY, *Manager.* *Frostburg, Md.*	L. T. STURM, *Mine Foreman.* *Simpson.*
JAMES SMITH, *Superintendent.* *Simpson.*	JACK HULLEY, *Fire Boss.* *Simpson.*

PITTSVEIN COAL COMPANY.

FLEMINGTON.

No. 346. *Flemington No. 4—Pittsburgh Seam—Drift.* Located near Flemington, on a spur off the B. & O. Railroad, operating a seam of coal which varies in thickness from seven to nine feet, on the double entry system. Ventilation is produced by a seven foot electrically driven fan and is sufficient for the men employed. This is a machine mine, principally all the coal is undercut with an electric chain machine and hauled from the mine to the tipple by electric motors. The roof is very bad, of a soapstone nature, which is very difficult to hold with timber. The management, in order to reduce accidents to a minimum, if possible, have appointed in addition to their regular mine foreman, four assistants or safety inspectors, assigning them separate territory, with very rigid instructions; they are to visit the working places not less than twice each day, having full charge of these separate sections with the power to place and replace men, also having charge of the drivers and motormen in their particular territory; this system has been adopted for about four months and, up to this time, there has not been an accident, fatal or non-fatal, reported; in addition to this, danger signals and warning signs are posted throughout the mine in every available place, especially at the entrances of worked out rooms and electric wire crossings. The management deserves a great deal of credit for the zeal and co-operation with the Mine Department. The general rules and laws are strictly observed.

JOHN DELANEY, *Manager.*
15 Broad St., New York.
GEO. S. BRACKETT, *Superintendent.*
Flemington.

A. B. SPENCER, *Mine Foreman.*
Flemington.

ROSEMONT COAL COMPANY.

ROSEMONT.

No. 347. *Rosemont—Pittsburgh Seam—Drift.* Located at Rosemont, on the Parkersburg branch of the B. & O. Railroad, operating on the double entry system. Ventilation is produced by two electrically driven fans. The roof is bad in some places, having ten inches of draw slate of a soapstone nature. A regular system of timbering has been adopted and the sides along the roadway and the refuge holes are kept cleared, which help to eliminate accidents to some extent. Drainage is good, principally by ditches, however, a few pumps are used to keep the water out of the working places. The management is to be commended for their zeal and co-operation with the Mine Department

J. H. WEAVER, *Manager.*
Philadelphia, Pa.
JAS. HAISLIP, *Superintendent.*
Rosemont.

J. E. HAMILTON, *Mine Foreman.*
Rosemont.

STERLING COAL COMPANY.

CECIL.

No. 348. *Cecil—Upper Freeport Seam—Drift.* Located at Cecil, seven miles south of Grafton, on the G. & B. branch of the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a six foot electrically driven fan, and is good. Roof, timbering and drainage are good. The laws and general rules are well observed.

H. D. HILLMAN, *Manager,*
Cleveland, Ohio.

M. P. BRADY, *Supt. and Mine Foreman.*
Cecil.

SUNNYSIDE COAL COMPANY.

INDEPENDENCE.

No. 349. *Sunnyside—Lower Kittanning Seam—Drift.* Located nine mile seast of Grafton, near Hardman, on a branch of the B. & O. Railroad, operating a seam of coal about four feet two inches in thickness, on the double entry system. Ventilation is produced by a ten foot steam driven fan. Coal is very nearly exhausted; a few men are working on the heading stumps near the outside The roof is very tender, but well taken care of.

L. B. BRYDON, *Manager.*
Grafton.
GAIL GOODWIN, *Superintendent.*
Independence.
W. M. MCGINNIS, *Mine Foreman.*
Independence.

WINONA COAL & COKE COMPANY.

GRAFTON, R. F. D. NO. 3.

No. 350. *Winona No. 2—Upper Freeport Seam—Drift.* Located at Coffman, four miles west of Grafton, on the Wheeling branch of the B. & O. Railroad, operating on the double entry system. Ventilation is produced by a steam driven fan and distributed by a split air system. The roof is good and the timbering is well looked after. The mining conditions are generally good. The company has expended about $18,000 dollars in the way of permanent improvements, erected twelve new houses, two batteries of boilers and building for same, installed one generator and engine, one powder house, one repair shop and some underground improvements, such as overcasts and permanent stoppings. The laws and rules are well observed.

S. D. HIXON, *Manager.*
Ruffsdale, Pa.
M. H. SMITH, *Superintendent.*
Grafton.
BLAINE COLEMAN, *Mine Foreman.*

FOURTH DISTRICT

GENERAL SUMMARY FOR THE FOURTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	No. of Openings	No. of Persons Killed.	EMPLOYEES. Inside. Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Outside. Laborers.	Coke Workers.	Totals.	Sum Totals.	Production of Coal. Tons of 2,240 lbs	Coke. Tons of 2,000 lbs.
Barbour (part) ..	2	..	39	.....	...	3	42	3	...	3	45	48,058	....
Grant	3	1	92	30	10	42	174	40	...	40	214	189,746	....
Mineral	16	..	631	64	12	129	836	120	...	120	956	688,175	.....
Randolph	15	1	388	79	18	110	595	84	67	151	746	737,718	152.280
Tucker	16	6	868	111	2	344	1,325	144	13	157	1,482	1,199,113	14.361
Totals	25	8	2,018	284	42	628	2,972	391	80	471	3,443	2,862.807	166,641

OFFICE OF FOURTH DISTRICT MINE INSPECTOR.
ELKINS, Sept. 19, 1914.

HON. E. A. HENRY,
Chief of the Department of Mines,
Charleston.

DEAR SIR:—I herewith respectfully submit to you my fifth Annual Report as Inspector of the Fourth Mining District.

As to compliance with the mining laws, I have encountered but very few specific violations of the statutes during the past year. Several prosecutions have been entered against miners for shooting coal from the solid, carrying excess quantities of powder into the mine, and for other dangerous practices. I prosecuted one driver for taking down canvas brattice, thereby deranging the ventilating current in that particular working place. One mine foreman was fined for violation of section 15 of the mining law; the charges were that he had turned places in advance of the ventilating current. In all of these prosecutions, I have not failed to secure conviction in a single case, and fines of from $5.00 to $25.00 were assessed against the offenders and collected by the justice, before whom the case was tried.

I regret to report that I have been delayed in my work of inspection by serious illness during the past year. This reduced my usual number of inspections, but did not seem in any way to reduce the good accomplished, as there have been more improvements made and greater and better efforts towards bringing about more satisfactory mining conditions carried on during the past year than in any year since I have been inspector of this district. This has been due to a variety of causes, not the least of which has been your vigorous support of all district inspectors ever since you have been in office, and unabated efforts to secure better conditions, as even while lying very ill at home, I endeavored, both by letter and 'phone, to keep in as close touch as possible with the mining conditions and operations composing my district. I have also had the active and undivided support of the law-abiding citizens of this region; miners, mine officials, mine operators, and good citizens generally.

The large central power house of the Davis Coal & Coke Company, located at Thomas, where electricity is generated to supply nearly all the mines of Tucker and Grant counties, has been increased and its sphere of usefulness extended. High-tension wires from this plant have been extended as far as the Henry mines in Grant county, and to the Pierce, Francis, Bush and Coketon mines in Tucker county, and to the Kempton mines, just across the line in Maryland, eight miles from Thomas. All useless buildings have been, or are being, torn down; some old abandoned mines re-opened; water is being pumped out of the mines in some cases where they have been flooded for years and further efforts made to operate them again. New fences are being built, new sewers are being put in and the company houses being made as sanitary and as comfortable habitations for the miners and their families as circumstances will well permit.

The consequence of all these improvements is beginning to manifest itself in a largely increased tonnage from many of these mines, and a much neater appearance around the outside of some of them.

I do not desire to exercise my prerogative to suggest or recommend legislature on the subject of mining at this time.

In conclusion, I desire to thank you for the assistance you have given me during the past year, and to extend my thanks to the miners, mine officials, operators, and all good people generally, for the lively interest they have manifested in my work and welfare.

Very respectfully,

W. B. PLASTER,
Inspector of the Fourth Mining District.

MINES IDLE A YEAR OR UPWARDS, BUT BELIEVED LIKELY TO RESUME OPERATIONS AT SOME TIME IN THE FUTURE.

Lighter, No. 4, Randolph County.
Bush No. 28.
Gatzmer No. 1.
Beacon Mine, Tucker County.
Henry No. 33, Grant County.
Kittanning No. 18.
Virginia No. 2.
Brickyard Mine, Mineral County.

MINES THAT SEEM TO HAVE NO IMMEDIATE PROSPECT OF REOPENING.

Kittanning Nos. 15-16.
Gleason No. 1.
Anthracite Mine No. 1.

BARBOUR.

DAVIS COAL & COKE COMPANY.

WEAVER.

General Offices, Thomas.

No. 401. *Weaver No. 3—Drift.* Located six miles south of Belington and one mile from Weaver, on the B. & B. C. branch of the W. M. R. R. Developments are made in the Lower Kittanning coal, which has a height of six feet at this point, with an immediate overlying strata of hard sulphur slate and top coal that make an excellent roof condition, however, a plentiful supply of timber is always kept on hand and is delivered to the working faces and used by the miners as needed. Ventilation, furnished by a ten foot Crawford & McCrimmon force fan, has always been found good. Drainage good. Coal is undercut by hand and hauled to the outside with mules. As the mine is almost entirely worked out, there were no improvements made during the past year, except the building of a tramway around the hill and the opening of a small acreage of coal that could not be recovered from the main opening at the No. 3. Legal requirements are fully met. At date of last inspection, the mine was producing about 100 tons per day.

R. P. MALONEY, *Gen. Supt.* LLOYD CORLY, *Mine Foreman.*
H. H. HARRISON, *Superintendent.*

W. H. GREEN.

WEAVER.

No. 402. *Williette No. 1—Drift.* Located at Weaver, seven miles south of Belington, on the B. & B. C. branch of the W. M. R. R. Developments are in the Lower Kittanning coal, with operations on the double entry system. A seam of coal six feet six inches thick is being mined by hand methods; the upper ply of coal is not mined, but is left up and forms an excellent roof condition; very little timber is needed, although a careful and competent management has always provided a plentiful supply and used care to have all working places well timbered. Ventilation, which is by furnace, is sufficient for the number of men employed; drainage is very good. The coal is hauled to the outside with mules and lowered to the tiple over an inclined plane. The area of coal to be mined at this point is very limited and few improvements will be necessary. The law's requirements are well met and this is a nice little mine, capable of producing about 300 tons per day for some time to come.

W. H. GREEN, *Lessee.* JOHN CONDREY, *Mine Foreman.*

GRANT.

BUFFALO CREEK-CUMBERLAND COAL COMPANY.

P. O. BAYARD.

Main Offices, Commonwealth Bldg., Philadelphia, Pa.

No. 403. *Buffalo Creek No. 1—Drift.* Located on the Buffalo Creek branch of the W. M. R. R., two miles from Bayard. The Lower Kittanning seam, with an average thickness of about six feet, is being operated on the double entry system. The roof is of head coal and slate and, until recently, has been regarded as very good; at present, the more advanced workings are encountering a frail slate top that is extremely dangerous; much timbering is done by company men employed for that purpose and, in addition to this, posts, caps, and cross timbers are delivered to the miners at their working faces and strict care and attention used by the miner foreman to see that they are placed in position by the miners. A fifteen foot Crawford & McCrimmon fan, operating on the exhaust principle, supplies the ventilating current. The stoppings are cemented on all principal entries; the ventilating current has been found good. This coal is extremely hard, seeming to make machine mining impossible. Considerable solid shooting "a system of mining of which we do not approve" is resorted to in this mine. The coal is gathered and hauled to the parting by mules and from there conveyed to the outside with an electric haulage motor. At date of last visit I instructed the management to remove some water around their back air-course, which serves as a second opening, to indicate a way out by darts or arrows and to replace a short ladder in the ventilating shaft with a properly constructed pair of stairs. In other respects, the mining laws are complied with, and for a mine encountering such unusual mining conditions, we believe the mine to be in very nice condition. With the present development and a full force of men, this mine is capable of producing about 600 tons per day.

R. D. WADDELL, *Superintendent & Mine Foreman.*

DAVIS COAL & COKE COMPANY.

HENRY.

General Offices, Thomas.

No. 404. *Henry No. 22—Shaft—200 Feet Deep.* Located at Henry, on the main line of the W. M. R. R. The Freeport seam, with an average thickness of about four feet, is being operated at this mine on the double entry system. The roof is composed of hard slate and sand rock in nearly all parts of the mine, a few of the working places being noted as having a bad slate top; usually, but little timbering is required; posts, caps and cross timbers, where needed, are delivered to the working faces and placed in position by the miners as required by the mine foreman. A thirteen and a half foot steel and brick incased Clifford-Capell force fan, with direct steam connections, furnishes ventilation for the workings of this mine; the air is properly split, but as the mine is very old, and some of the air-courses in bad condition, considerable difficulty is encountered in maintaining a plentiful supply of air at the more advanced working faces; during the past year, I have insisted that some of the principal airways be cleaned up, and considerable work has been done towards getting them in condition. The coal is undercut by electric chain machines of the Jeffrey type and compressed air machines of the puncher type. The loaded cars are collected to the side tracks by gathering motors and mules and from there hauled to the shaft bottom by large electric motors and is practically all hoisted out of shaft No. 2, an automatic cage and first motion engine being used for this purpose. Shaft No. 1 is used to hoist boiler coal and as a man shaft. A proper system of checking the men in and out of the mine has been adopted at this plant. Drainage is not good in some of the advanced workings, which, is due in my judgment, to the fact that these workings have been improperly developed and driven without thought of providing drainage, as it would have been just as easy to have worked practically all of this mine to the rise. Some explosive gas is liberated and fire bosses are employed. Live and exhaust steam is used to humidify the air currents in order to keep the mine moist and permissible powder is used exclusively to blast the coal. No definite idea can be given as to tonnage, as this depends almost entirely upon what improvements will be made by the present management.

R. P. MALONEY, *Gen. Supt.*	J. H. DAVIS, *Mine Foreman.*
ROBT. GRANT, *Superintendent*	ALBERT TOMIKO, *Fire Boss.*
	MIKE MORRIS, *Fire Boss.*

COTTAGE STREET COAL COMPANY. S. H. JORDAN, LESSEE.

BAYARD.

General Offices, Keyser.

No. 405. *Cottage Street—Drift.* Located at Bayard, on the main line of the W. M. R. R. The Upper Freeport seam, which varies widely as to height and mining conditions, possibly averaging about four feet, six inches, is being operated at this mine on the double entry system. The roof is of hard slate and good. No timbering is required, except the usual mine posts, which are delivered to the miner at his working face and placed in position as directed by the mine foreman. Ventilation is by furnace and is not very satisfactory during the warm months. On date of last visit, there were only a few men employed and the management seemed to be in doubt as to whether they would continue to operate this mine in the future. I instructed the management to provide a better means of ventilation if they proposed to operate the mine further. The coal is mined by hand, gathered and hauled by mules. No improvements of any kind have been made at this mine during the past year. The present development is sufficient to produce a tonnage of about 100 tons per day.

J. T. Jordan, *Lessee.* J. T. Jordan, *Mine Foreman.*

MINERAL.

ABRAM'S CREEK COAL & COKE COMPANY.

Oakmont.

General Offices, Piedmont.

No. 406. *Oakmont No. 1—Drift.* Located at Oakmont, on the Elkgarden branch of the W. M. R. R. The Lower Freeport seam, which is here found with a thickness of four feet six inches, is being operated; the immediate overlying stratum is of hard tough slate, requiring very little timber of any kind; what timber is used is delivered to the working faces and placed by the miner as directed by the mine foreman. Ventilation, furnished by an eight foot Stine fan, with electric connections, has usually been found very good. Drainage is good most all over the mine, there being but one pump in use. The coal is mined by electric chain machines, gathered to the lay-off by mules and a storage-battery motor and hauled to the outside by a larger motor. The storage-battery motor mentioned above is the first one ever introduced into a West Virginia mine and is a very handy instrument for gathering coal, and so far, seems entirely satisfactory. A number of improvements have been made at this mine during the last year. At date of last inspection I found that the fan and fan house were being moved to a more convenient location and a new air-course being driven through a solid rock fault. This will shorten the route of air considerably and generally improve conditions as to ventilation. Mining laws are reasonably well complied with. This mine is capable of producing 600 tons per day.

Michael Gannon, *General Manager.* James Christopher,
Supt. & Mine Foreman.

BIG VEIN COAL MINING COMPANY.

Shaw.

General Offices, Philadelphia, Pa.

No. 407. *Shaw 4 Foot—Drift.* Located at Shaw, on the main line of the W. M. R. R. The Bakerstown seam is being mined and is found here with an average thickness of about three feet. The roof is of a very hard slate and requires very little timber; the few posts used are delivered to the working faces, placed by the miners as directed by the mine foreman. A home-made steam fan, operated on the force principle, supplies the ventilating current, which has always been found amply sufficient. The coal is mined by hand, hauled to the outside with mules and lowered over an inclined plane 1,800 feet long to the tipple. There have been no improvements made at this mine dur-

ing the year. Mining laws are reasonably well complied with. There are three different openings to this mine, and if operated to anything like capacity, 400 or 500 tons of coal could be produced daily.
S. S. HARVEY, *Supt. & Mine Foreman.*

CAROLL-CROSS COAL COMPANY.

EMORYVILLE.

General Offices, Bloomington, Md.

No. 408. *Cross—Drift.* Located one mile below Emoryville and four miles from Harrison, on the Elkgarden branch of the W. M. R. R. Lower Freeport seam is being operated, and has, at this mine, an average thickness of about four feet. The coal is overlaid by a hard tough slate, which forms an excellent roof condition. Only a minimum of timber is required and, what is needed, is delivered to the working faces and placed by the miners as directed by the mine foreman. Ventilation, on dates of inspection, has been found generally good throughout. Drainage is very good, in fact, this mine is rather too dry and requires, especially during the winter season, use of artificial means to keep the dust down; water is hauled to the working faces in barrels and the humidity of the mine is further provided for by the introduction of live steam into the intake air-way. The coal is mined by hand methods, gathered by mules and drawn by a string team to the outside. A fan has been installed at this mine during the past year. The mining laws of the state are generally well complied with. With the present development, and a full force of men, this mine is capable of producing about 300 tons per day.
HOWAGD CROSS, *Superintendent.* HARRY CROSS, *Mine Foreman.*

CAROLL-CROSS COAL COMPANY.

EMORYVILLE.

General Offices, Bloomington, Md.

No. 409. *Imperial—Drift.* Located at Emoryville, four miles from Harrison, on the Elkgarden branch of the W. M. R. R. This mine is opened out in the Freeport seam, which is found here with an average thickness of about four feet; developments being on the double entry system. The roof is of a very hard slate and requires very little timbering; posts are delivered to the working faces as needed and placed by the miner as directed by the mine foreman. A twelve foot Crawford & McCrimmon fan, operated on the force principle with direct steam connections, has recently been installed. As this mine is inclined to be rather dry, exhaust steam from this fan is turned into the intake air-way and moisture in that way distributed around the working faces. Sprinkling is also resorted to in cold weather, the places being dampened by a water car hauled around with a mule. The coal is mined by hand and hauled to the outside with mules. This mine has been connected with the Cross mine of the same company, as it is intended to ventilate both mines from this fan. As this is a new mine, there has been little development as yet and no further improvements made during the year, except the installation of the fan mentioned above. This mine is capable of producing about 100 tons per day. The mining laws are generally well complied with.

HOWALD CROSS, *Superintendent.* HARRY CROSS, *Mine Foreman.*

DAVIS COAL & COKE COMPANY.

ELKGARDEN.

No. 410. *Elkgarden No 6—Drift.* Consists of a number of openings, located at Elkgarden, on a railroad branch of the same name, which connects with the main line at Harrison. Developments are in the Pittsburgh seam, known locally as Big Vein, which is here found with an average thickness of about twelve feet. The roof is of soft slate and very dangerous character A plentiful supply of timber is furnished, the posts being set by the miners very closely together. At each pillar fall, slanting timbers, placed from roof to pavement, are put in position; this is done to keep the top strata from sliding into the excavation made by removing the coal and is known among the miners as "placing a choker". The coal is mined by hand and broken down by a wedge and sledge, the use of powder or other explosives being forbidden in the mine. As only the outcroppings of this seam were left in when the mine was in operation years ago are now being mined, there have been no improvements made during the year The ventilation is natural and very good. Drainage is natural and as good as could be expected under conditions mentioned above. The mining laws are fully complied with. With the present development, there are probably about 400 tons per day being dumped over the old No. 6 tipple.

R. P. MALONEY, *Gen. Supt.* E. M. SHEETS, *Mine Foreman.*
J. E. OTT, *Superintendent.*

DAVIS COAL & COKE COMPANY.

OAKMONT.

No. 411. *Kittanning No. 14—Drift.* Located two miles from Harrison, on the Elkgarden branch of the W. M. R. R. The Freeport seam, with an average thickness of about three feet ten inches, is being operated at this mine on the panel and double entry systems. The roof is of hard slate and very good, very little timber, except the usual mine posts being required and these are delivered to the working faces and used as required by the miners. Ventilation, furnished by a fifteen foot Crawford & McCrimmon force fan with direct steam connections, has always been found very good. Drainage is natural, except that there is a syphon in use, and is usually very good. The coal is mined by hand, gathered and hauled to the outside with mules and lowered over a short inclined plane to the tipple. The coal is extremely hard, much cut up by faults and clay veins, making satisfactory mining conditions impossible; in addition to this, the mine is dry and dusty in certain sections and necessitates the use of both live and exhaust steam and sprinkling by water cars in order to maintain the proper humidity, especially during the winter season, but in spite of adverse conditions, this mine is one of the best cared-for and complies with the mining laws as closely as any I know of. The mine foreman has long been located here, is a man of remarkable force and executive ability, and is regarded by all who know him as thoroughly competent and conscientious. With the present development and a full force of men, this mine is capable of producing 400 or 500 tons per day.

R. P. MALONEY, *Gen. Supt.* B. S. COLEMAN, *Mine Foreman.*
J E. OTT. *Superintendent*

DAVIS COAL & COKE COMPANY.

BERYL.

General Offices, Thomas.

No. 412. *No. 19—Drift.* Located at Beryl, two miles from Piedmont, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about five feet four inches, is being operated on the double entry system. The roof is of hard slate, changing in places to sand rock, and is very good. No timbering, except the usual mine posts are required, these being delivered to the working faces and used as required by the miners. Ventilation, furnished by a twelve foot Brazil force fan, with direct steam connections, has been found sufficient throughout all the workings, the ventilating current having been divided into a number of separate splits. Drainage is natural and exceedingly good. The coal is mined by hand, gathered to the parting with mules and one electric motor and dropped to the outside by two electric hoists. being hauled from the mine mouth to the tipple by a steam locomotive. This mine would be exceedingly dry, if not artificially moistened, and, for this purpose, both live and exhaust steam are introduced into the ventilating current and the water car is also sometimes resorted to. The advanced workings of this mine have, nearly all. encountered numerous rock faults and clay veins and but little development work is now being done. The only improvement made during the year was the installation of a larger fan. The mining laws are generally well complied with. The output has been regulated somewhat by the capacity of the steam locomotive mentioned above, but with the present development and a full force of men, together with sufficient appliances to take care of the coal on the outside. this mine would be capable of producing about 800 tons per day.

R. P. MALONEY, *Gen. Supt.* JOHN TIBBETS. *Mine Foreman.*
O. TIBBETS, *Superintendent.*

DAVIS COAL & COKE COMPANY.

ELKGARDEN.

General Offices, Thomas.

No. 413. *Ott No. 20—Drift.* Located three miles from Blaine, on the main line of the W. M. R. R. The Freeport seam, with an average thickness of about three feet, 10 in. is being operated on the double entry system. The coal is badly cut up with numerous faults and clay veins and considerable explosive gas is liberated at times, but is very carefully looked after. The roof is of hard slate and very good, no timbering being required except the usual mine posts, which are delivered to the working faces and used by the miners as necessity requires, or the mine foreman may direct. Ventilation, furnished by a 15-foot Brazil force fan, with direct steam connections, has always been found sufficient. On my last visit, I gave instructions that a new air course near the fan be completed as soon as possible and that a split be made in the ventilating current, in order that what is known as the Dishon section of this mine could be ventilated separate and apart from the rest of the workings; the management agreed to push this work with all possible dispatch. The coal is mined by hand, hauled to the parting with mules and conveyed to the outside by a Whitcomb gasoline motor. The drainage is natural and very good. The mining laws are complied with in all essential particulars; the mine foreman is regarded as a very competent and conscientious man. With the present development with a full force of men, this mine is capable of producing about 400 tons per day. The mine being dry and dusty in almost all places, both live and exhaust steam are introduced into the intake air-way and in addition to this, men with a water car and mule are engaged in hauling water almost every night and, dust that otherwise would be a serious problem, is kept thoroughly moist at all times. A new set of boilers has been installed at this mine during the past year and the management is now considering the re-building of the tipple in a more advantageous location.

R. P. MALONEY, *Gen. Supt.*	JOHN KILROY, *Mine Foreman,*
J. E. OTT, *Supt.*	JOHN JONES, *Fire Boss.*

DAVIS COAL & COKE COMPANY.

BERYL.

General Offices, Thomas.

No. 414. *No. 50—Drift.* Located at Beryl, two miles from Piedmont, on the main line of the W. M. R. R. Developments are in the Bakerstown seam, which is found with an average thickness of about four feet. Roof is of slate and is generally good. Timber is furnished to the working faces and placed by the miners as directed by the Mine Foreman. Ventilation, furnished by a 10-foot Crawford & McCrimmon force fan, with direct steam connections, is very good. Drainage is natural and very good. The coal is mined by hand and hauled to the outside with mules, lowered over an inclined plane 1800 feet long, where it is hauled around the hill by a steam locomitive to the tipple. Mining laws are very well complied with. With the present development and a full force of men, this mine is capable of producing about 250 tons per day.

R. P. MALONEY, *Gen. Supt.*	JOHN TIBBETS, *Mine Foreman.*
O. TIBBETS, *Supt.*	

DAVIS COAL & COKE COMPANY.

BERYL.

General Offices, Thomas.

No. 415. *No. 51—Drift.* Located at Beryl, two miles from Piedmont, on the main line of the W. M. R. R. The Bakertown seam, with an average thickness of about four feet is being operated at this mine on the double entry system The roof is of hard slate and very good, no timbering except the usual mine posts being required; they are delivered to the working faces and used as required by the miners. Ventilation, furnished by a 12-foot Crawford & McCrimmon force fan, electrically driven, has generally been found very good, the ventilating current having been divided into separate splits on each butt heading. Drainage is natural and exceedingly good. The coal is mined by hand, hauled to the parting with mules and conveyed to the outside, by an electric hoist and one haulage motor, where it is lowered over a plane 2100 feet long and from thence hauled by steam locomotive a mile and a half around the hill to the tipple. The mining laws are generally very well complied with. With the present development and a full force of men, this mine is capable of producing from 300 to 400 tons per day.

R. P. MALONEY, *Gen. Supt.* JAS. REYNOLDS, *Asst. Mine Foreman.*
O. TIBBETS, *Supt.* JOHN TIBBETS, *Mine Foreman.*

GLEASON COAL & COKE CO.

UPPER POTOMAC.

General Offices, Frostburg.

No. 416. *Gleason—Drift.* Located at Gleason, five miles from Blaine, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about six feet is being operated on the double and triple entry systems. The roof is of wild coal, and hard slate and usually very good. All necessary timbering is done by the miners, posts being delivered to the working faces and placed in position as directed by the officials of the mine. Ventilation, furnished by an 8-foot Stine fan operated on the force principle steam being the motive power, has always been found good, except that some little deficiency in the ventilating current was noted in a few of the more advanced places; the attention of the management was called to this matter and they agreed to re-inforce the stoppings and thereby secure a better ventilating current. The coal is undercut by Jeffrey electric chain machines, gathered to the side track with mules and hauled by electric motors to the top of an inclined plane, where it is lowered to the tipple. A considerable number of improvements have been made both inside and out at this mine during the past year; new tracks have been laid in the mine and a considerable number of new miners' houses built. The mining laws are complied with in all essential particulars and, with the present development and a full force of men, these mines are capable of producing 700 tons per day.

PHILIP BROWN, *Pres. and Supt.* CHARLES M. DAVIS, *Mine Foreman.*

GRAFTON MINING CO.

BLAINE.

General Offices, Grafton.

No. 417. *Western Md. Small Drifts.* Located at Blaine, on the W. M. R. R. The Lower Kittanning seam, with an average thickness of about five feet 6 in. is being operated on the double entry system. The roof is of wild coal and slate and generally good, little timber, except the usual mine posts, is required and these are delivered to the working places and used by the miners as required by the mine foreman. Ventilation is provided for by the use of a furnace; the return air from the Smith Mine is also utilized for ventilating purposes, the two mines being connected; this affords an air current that has usually proven satisfactory. Drainage is natural and very good. During the past year, this mine was connected, as before stated, with the old Smith No. 1 and a large body of standing water was removed from there and the coal from these workings is now being mined and removed through the Kittanning. Hand methods are used in mining the coal which is gathered by mules and hauled to the tipple by string teams. The mining laws are complied with in all essential particulars at present. With the present development, this mine is capable of producing about 150 tons per day.

L. D. BRYDON, *Pres. and Gen. Mgr.* ALFRED FORTNEY, *Mine Foreman*
R. BRYDON, *Supt*

HAMILL COAL & COKE CO.

BLAINE.

General Offices, Blaine.

No. 418. *Smith—Drift.* Located one mile from Blaine, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about six feet, is being operated on the double entry system. The roof is of wild coal and usually good. As the mine is old, and principally pillar drawing, the roof conditions of late have necessitated a great deal of timber being used on the entries; these timbers are placed in a solid substantial way by Company men employed for this purpose. Mine posts are delivered to the working places and placed by the miners as directed by the mine foreman. Ventilation, furnished by a 12-foot Crawford & McCrimmon force fan., steam driven, has generally been found very good. Drainage is natural and generally good. The coal is mined by hand, gathered by mules, hauled to the outside with a string team and lowered to the tipple by the use of two short inclined planes. There have been no specific improvements made at this mine during the

past year. The mining laws are generally well complied with. The mine, at present, is capable of producing about 300 tons per day.
R. A. Smith, *Supt.* V. G. Pew, *Mine Foreman.*

MASTELLER COAL CO

Hampshire.

General Offices, Keyser.

No. 419. *Hampshire—Drifts.* Located at Hampshire, four miles from Piedmont, on the main line of the W. M. R. R. The Bakerstown seam, with an average thickness of about two feet, 6 in., is being operated on the double entry system. Roof is of slate and wild coal and generally good, no timbering except the usual mine props being required and these are delivered to the working faces and placed in position by the miner as directed by the mine foreman. The No. 1-2 are ventilated by a fan located at the No. 1 and is connected with the No. 2 by a pair of entries driven from the latter mine into the former, through which the ventilating current is conducted. Drainage is natural and generally good. The coal is mined by hand, hauled to the outside with mules and from there conveyed by a steam locomotive to the head of a 1900 foot plane, where it is lowered to the tipple. On date of last inspection, sixty miners were employed in the No. 1 mine, twenty in the No. 2, the No. 3 just being opened. Although this coal is very low, it is exceedingly easy to mine and these miners probably average about five tons to the man per day.
F. H. Tibbets, *Mine Foreman.* J. C. Watson, *Vice Pres. & Supt.*

MASTELLER COAL CO

General Offices, Keyser.

No. 420. *New Creek—Drift.* Located at Hampshire, four miles from Piedmont, on the main line of the W. M. R. R. The Lower Freeport seam, with an average thickness of about six feet, is being operated on the double entry system. The roof is of soft slate and very bad in places; it is timbered along the entries by company men employed for that purpose and secured by the miners by posts delivered to their working places and set as directed by the mine foreman. Ventilation, furnished by a 12-feet Crawford & McCrimmon force fan, has been found generally good on dates of inspection. Drainage has been made natural and is very good. The coal is mined by hand, gathered and hauled to the outside with mules and from there to the tipple with a string team. Mine laws are complied with in all essential particulars. With the present development, the mine is able to produce about 800 tons per day.
J. C. Watson, *Gen. Mgr. & Supt.* F. H. Tibbets, *Mine Foreman.*

RANDOLPH COUNTY.

BRADY COAL CO., (A. N. HUMPHREYS, SPECIAL RECEIVER.)

MABIE.

No. 421. *Klondike—Drift.* Located at Fisher, 17 miles from Elkins, and 8 miles from Roaring Creek Junction, on the Coalton branch of the C. & C. R. R. Developments are in the Lower Kittanning coal, which is found on an average of about 6 feet 6 in. in height. The roof conditions at this mine are usually very good, the overlying slate being of an unusually hard nature, and in addition, head coal is left up as a further support to the roof. Timber is delivered to the working faces, placed in position by the miners as directed by the mine foreman. At date of my last visit, I directed the management to keep on hand a supply of large timbers to secure the roof along the haulways where timbering may become necessary. Ventilation is furnished by a 4-foot Stuyvesant fan, gasoline being the motive power used; as this fan was located a little inside the drift mouth, I directed that it be reinstalled outside of the mine. The coal is mined by hand, gathered to the lay-off by horses and hauled to the outside with a gasoline motor, which has never given very satisfactory results. Drainage is somewhat difficult, as nearly all the working places go to the dip. A gasoline pump is used to force this water to the outside and has proven fairly successful only. There has been some complaint during the past year about the management not keeping on hand a proper supply of material with which to construct stoppings. Other legal requirements are well met. With a better system of haulage and drainage, this mine would be capable of producing at least 500 tons per day. As the area of coal to be mined is limited, and the mine has been for some time in the hands of a receiver, there have been no improvments made during the past year.

A. N. HUMPHREYS, *Supt. & Special Receiver.* JAMES G. WITT, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

COALTON.

General Offices, Elkins.

No. 423. *Coalton No. 1—Drift.* Located at Coalton, 15 miles from Elkins, on the Coalton branch of the C. & C. R R. Developments are made in the Lower Kittanning seam, which is found with an average thickness of about 6 feet, 6 in. Head coal is left up and forms a reasonably good roof, which, however, requires careful timbering in many places throughout the mine; a plentiful supply of posts and caps is kept on hand, delivered to the working places as required and placed by the miners as directed by the mine foreman. Mine is ventilated by a 20 foot steel-incased Robinson force fan, with direct steam connections, which is highly efficient and furnishes a large volume of air; on date of last visit, I found many of the stoppings in a defective condition and the ventilation not all that it should be and instructions were given the local management to rebuild the stoppings of a solid material along the main entry. Drainage was found very good. The coal is undercut by electric mine machines and gathered by mules and electric motors to the lay-offs, larger sized motors being used from there to the outside. This is a very extensive plant and is fully improved by many kinds of up-to-date machinery and appliances. Three hundred coke ovens are in blast, a Jeffrey automatic coke drawer is in use, a coal crusher, picking tables, a steel bin with a capacity of 1800 tons, and, together with a large double steel tipple, a finely-equipped electric plant, electric hoists to elevate the coal onto the tipple, etc., comprise some of the improvements made at this plant, which has never been operated to anything like its full capacity but, with the present equipment and a full crew of men, it should be a comparatively easy matter to produce 3000 or 4000 tons per day.

John T. Davis, *Pres. & Gen. Mgr.* W. A. Ford, *Mine Foreman.*
Joe Hoylman, *Supt.*

DAVIS COLLIERY COMPANY.

Coalton.

General Offices, Elkins.

No. 422-a. *Coalton No. 3—Drift.* Located at Coalton, 15 miles from Elkins, on the Coalton branch of the C. & C. R. R., is a new mine, opened on the opposite side of the hill from the Coalton No. 1. Developments are in the Lower Kittanning coal, which has an average thickness of about 6 feet, 6 in., however, about two feet of coal are left up, as the overlying slate is of a very frail character if exposed to the air. A plentiful supply of posts and caps is furnished the miner at his working place and placed by him as directed by the mine foreman. Ventilation, furnished by an 8-foot, steel-incased Jeffrey force fan, with electric connections, has been found good. All the workings go to the dip, which necessitate the use of electric pumps for drainage. The coal is mined by Jeffrey machines, gathered to the parting by mules and hauled to the outside by mine motors, where it dumped over the same tipple as the No. 1. Although this mine is designed to produce a very large tonnage, so far, there have been few improvements made. With the present development and a full crew of men, this mine is capable of producing about 700 tons per day.

John T. Davis, *Pres. & Gen. Mgr.* Nicholas Ford, *Mine Foreman.*
Joe Hoylman, *Supt.*

DAVIS COAL & COKE COMPANY.

Weaver.

No. 423. *Weaver No. 1—Drift.* Located seven miles south of Belington, at Weaver. Developments are in the Lower Kittanning coal, which has a height of about 6 feet at this point. The roof conditions are exactly similar to those found in No. 2; a very frail draw slate overlying the coal, which creates a rather dangerous roof condition, requires very careful attention as to timbering. Drainage is good. Ventilation, furnished by a 12-foot steel-incased Robinson force fan, with direct steam connections, has usually been found very good. Coal is undercut by hand, hauled to the parting with mules and delivered to the outside by a tail rope. This is the oldest, and, at one time, was the largest of all the mines in the Beaver Creek valley, but, at present, it is almost worked out, there being nothing but pillars and entry stumps working at date of last inspection. All legal requirements are fully met. At date of last inspection, this mine was producing about 350 tons per day.

R. P. MALONEY, *Gen. Supt.* P J. SMALLRIDGE, *Mine Foreman.*
H. H. HARRISON, *Supt*

DAVIS COAL & COKE CO.

WEAVER.

No. 424. *Weaver No. 2—Drift.* Located seven miles south of Belington, at Weaver, on the B. & B. C. branch of the W. M. R. R. Developments are in the Lower Kittanning coal, which has a height of 6 feet, the third or top ply of the Kittanning coal being taken down in most all places; the over-lying slate is of a soft nature and requires very careful attention. A plentiful supply of timber is always on hand and much care is required to have the miners timber properly. Drainage is good. Ventilation, furnished by a 12-foot steel incased Robinson force fan with direct steam connections, has usually been found good throughout the mine. Coal is undercut by hand and hauled to the partings by mules and delivered to the outside by a tail rope.

This is a rather large mine and, as it is already fully developed, there are no improvements to report having been made during the last year. Legal requirements are fully met. At date of last inspection, this mine was producing about 700 tons per day.

R. P. MALONEY, *Gen. Supt.* EDWARD PILL, *Mine Foreman.*
H. H. HARRISON, *Supt*

DAVIS COLLIERY COMPANY.

HARDING.

No. 425. *Harding No. 3—Drift.* Located at Harding, nine miles west of Elkins, on the main line of the W. M. R. R., very large mine, developments being in the Lower Kittanning seam, is laid off on the double entry system and the coal found of an average height of about six feet. The roof is composed of sulphur slate and coal and is a very strong, pliable top, requires little timbering, a plentiful supply of which, however, is always kept on hand and placed by the miners as directed by the mine foreman.

Ventilation, furnished by an 8-foot centrifugal exhaust fan with electric connections, has been found good most all over the mine; the current being weak in some of the advanced sections, I requested improvement and the management advised that a small ventilating shaft would be sunk to the coal at the head of the advanced workings and the air conducted around the mine from this air shaft and back to the fan. There has been considerable improvement made in the underground conditions during the past year. The system of mining has been changed from picks to electric machines. The coal is gathered by mules and hauled to the tipple by electric motors. This mine alone is now capable of producing about 1000 tons per day, although at present the coal from the North Drift and the No. 1 & 2 mines is all being dumped over the one tipple. Legal requirements are fully met.

John T. Davis, *Pres. & Gen. Mgr.* Ophie G. Shomo, *Mine Foreman.*
J. W. Bischoff, *Gen. Supt.*
Arch C. Davis, *Supt.*

DAVIS COLLIERY COMPANY.

Harding.

General Offices, Elkins.

No. 426. *No. 5—Coaling Station—Drift.* Located on the main line of the C. & C. R. R., nine miles from Elkins and one mile from Roaring Creek Junction. The Lower Kittanning seam is being operated at this mine and has an average thickness of about six feet. Top coal is left up and forms a very good roof. Considerable timber is required around the outcrop, however, a plentiful supply is kept on hand and is delivered to the working faces and used by the miners as directed by the mine foreman. The ventilating current is supplied by a furnace and has usually been found very good. The drainage is natural and also very good. The coal is mined by picks, hauled to the outside with mules and lowered by an inclined plane to a series of coal bins where coal is supplied to all the engines used on the eastern end of the C. & C. R. R. The mine is capable of producing about 100 tons per day. The law's requirements are fully met and this is a nice little mine in every respect.

John T. Davis, *Pres. & Gen. Mgr.* Oscar Wilmoth, *Mine Foreman.*
J. W. Bischoff, *Gen. Supt.*
L. Wilmoth, *Supt.*

DAVIS COLLIERY COMPANY.

Harding.

General Offices, Elkins.

No. 427. *Sivad No. 2—Drifts dumping coal over one tipple and known as the Sivad No. 2.* Located on the Coalton branch of the C. & C. R. R., nine miles south of Elkins and one mile from Roaring Creek Junction. Developments are in the Lower Kittanning seam, the coal having an average height of about 5 feet, 6 inches. The roof is of hard-like slate and is re-inforced by head coal, which is left up in most all the working places, making an excellent roof that only requires a minimum amount of timber. The posts are delivered to the working faces and placed by the miners as directed by the mine foreman. Ventilation is by furnace and, as the mines have become somewhat advanced, I recommended that there be no further increase in the number of employees underground until a more efficient ventilating system was adopted. Drainage is natural and usually very good. The management has had before them for some time the question of installing a new steel tipple, a new mine fan and electricity to cut and haul the coal, but, at this writing, nothing has been done. The amount of development, if the mine was properly equipped and supplied with a full force of men, is sufficient to produce about 1000 tons per day. In other respects, the mine laws are very well complied with.

JOHN T. DAVIS, *Pres. & Gen. Mgr.* L. WILMOTH, *Supt. and Mine Foreman.*
J. W. BISCHOFF, *Gen Supt*

W. H. GREEN COAL CO.

COALTON.

No. 428. *Leroy—Drift.* Located at Coalton, 15 miles from Elkins, on the Coalton branch of the C. & C. R. R., operating the Lower Kittanning coal, which is found of an average height of about 8 feet, irrespective of head coal, which is left up to better roof conditions. A considerable amount of timber is required at present as the only remaining coal consists of pillars and stumps. The ventilating current is produced by a furnace and has always been found good on dates of inspection. Drainage is natural and very good. The coal is mined by hand and hauled to the outside with mules, where it is lowered by an inclined plane to the tipple. No improvements have been made at this mine during the past year. The mine is capable of producing about 250 tons per day. Legal requirements are very well met.

W. H. GREEN, *Lessee & Supt.* B. JAGGIE, *Mine Foreman.*

J. B. JENKINS COAL & COKE COMPANY.

MABIE.

No. 429. *Ariana—Drift.* Located nine miles from Roaring Creek Junction on the Coalton branch of the C. & C. R. R. The Lower Kittanning seam, with an average height of about 8 feet, 6 in. is being operated on the double entry system. The roof is of slate and head coal and usually very good, very little timbering, except the usual mine posts, being required and these are delivered to the working faces and placed in position as required by the Mine Foreman. Ventilation, furnished by a 12-foot Crawford & McCrimmon force fan electrically driven, has usually been found very good. A gasoline motor is kept at the fan house to afford power to run the fan in case of an accident to the electric plant. The ventilating current is split as required by law and inside conditions are regarded as being very good. The coal is mined by hand, hauled to the parting with mules and from thence to the outside with an electric motor. Drainage is natural and very good. Many improvements have been made during the past year. A large electric power-house and many new miners' houses have been built and the mine has been greatly developed and improved in every respect under ground. With the present

development and appliances and with a full force of miners, this mine is capable of producing 800 to 1000 tons per day.
J. W. REEVES, *Supt. and Gen. Mgr.* D. D. EDWARDS, *Mine Foreman.*

RICH MOUNTAIN COAL COMPANY.

HARTRIDGE.

General Offices, Clarksburg.

No. 430. *Beech Creek Mines Nos. 1 & 2—Small Drifts.* Located at Beech Creek, eleven miles above Alexander on the Croft Lumber Co.'s R. R. which connects with the Pickens branch of the B. & O. at Alexander, 83 miles south-west of Elkins, were opened out in what was generally regarded as Beckley seam, with an average thickness of about two feet, 8 in., developments being on the double entry system. The roof is of hard slate and very good, no timbering except a few mine props being required and these are delivered to the working places and used by the miners as directed by the mine foreman. Ventilation is by furnace and found sufficient for the number of men employed on dates of visits. Drainage is natural and fairly good. The coal is mined by hand and hauled to the tipple with mules. The mining laws were being complied with in all essential particulars. With the present development and a full force of men, these mines are capable of producing about 100 tons per day.
JOHN O. BROOKS, *Gen. Mgr.* V. O. EISERMAN, *Mine Foreman.*
GEO. A. WEBER, *Supt.*

RICH MOUNTAIN COAL CO.

HARTRIDGE.

General Offices, Clarksburg.

No. 431. *Hartridge Nos. 1-2—Drifts.* Located at Hartridge, fourteen miles from Alexander on the Pickens branch of the B. & O. R. R., eighty-seven miles south-west of Elkins. The Sewell seam, with an average thickness of about 2 feet 8 in. is being operated at the lower or No. 1 on the double entry system. The No. 2 is a small seam opened out above the Sewell and, at date of last inspection, the inclined plane with which the coal was to be lowered to the No. 1 tipple had not been constructed. The roof in the No. 1 is of hard slate and generally good. Very little timbering, except the usual mine posts, is required and these are delivered to the working places and placed in position by the miners as directed by the mine foreman. Ventilation, produced by a furnace, was found generally good on dates of examination. Drainage was natural and reasonably good. The coal at one time was mined by electric machines and hauled by electric motors, but, as it seemed unprofitable to operate the plant, hand methods were resorted to for mining and mules for hauling. Few improvements have been made in the last year and my present information is that they have been abandoned, for the present, at least. With the present development and a full force of men, these mines are capable of producing 200 tons per day.

John O. Brooks, *Gen. Mgr.* E. Eiserman, *Mine Foreman.*
Geo. A. Weber, ***Supt.***

W. VA PULP & PAPER COMPANY.

Cass.

General Offices, Cass.

No. 432. *Hopkins—Drift.* Located at Hopkins, 17 miles west of Cass on a lumber road that connects with the Greenbrier branch of the C. & O. at Cass, and 97 miles south-east of Elkins. The Sewell seam, with an average height of about five feet clean coal is being operated on the double entry system. The roof is of slate and sand rock and very good, no timbering except a few mine posts being required and these are delivered to the working places and placed in position by the miners as directed by the mine foreman. Ventilation is by furnace and has always been found amply sufficient for the number of men employed. Drainage is natural, and by hand pumps and is generally good. The coal is mined by hand, hauled to the head of an inclined plane by mules, where it is lowered to a tipple and used to coal the engines owned by the W. Va. Pulp & Paper Co. A few cars have been loaded for outside purposes and some used to supply the town of Cass, but the principal part of the output is used to supply the logging engines. The mining laws were being complied with in all essential particulars on dates of inspections. With the present development and a full force of men, this mine is capable of producing 200 tons per day.

R. A. Hivies, *Supt.* D. S. Seaman, *Mine Foreman.*

TUCKER.

J. CALVIN COOPER.

Davis.

No. 433. *Cooper—Drift.* Located at Davis, seven miles from Thomas on the Davis Branch of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about 6 feet, is being operated on the double entry system. The roof varies, but, as a usual thing, is composed of head coal and is reasonably good. A plentiful supply of posts, caps and cross timbers is delivered to the working faces and placed in position by the miners as required by the mine foreman. Ventilation was natural on date of last inspection and was sufficient for the number of men employed. The coal is mined by hand and hauled to the tipple with mules, where it is dumped in bins and sold to the tannery located at Davis. During the last year, a tipple has been built over a side track of the W. M. R. R. in order that coal could be shipped by rail. The area of coal to be mined is very limited and only a few men are employed. On date of last visit, I instructed the management to install a better ventilating apparatus, as it looked probable to me that a larger force of men would be employed in the future and natural ventilation cannot be relied upon where any considerable amount of air is required. I also instructed them to provide another second opening, as they were expecting to locate a furnace in the escape shaft now provided. The mining laws were generally well complied with and, for a mine of this character, I believed it to be in reasonably good condition. The present development is sufficient to produce 50 to 75 tons per day.

J. CALVIN COOPER, *Lessee and Mine Foreman.*

CUMBERLAND COAL CO.

DOUGLAS.

Offices, Albert.

No. 434. *Douglas No. 1—Drift.* Located at Douglas, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about six feet, is being operated on the double and triple entry systems. Head coal is left up to form the roof wherever possible, but, in many places, a soft slate of frail and dangerous nature is encountered, requiring very close attention to timbering; company men are employed to look after the timbering on the entries and a plentiful supply of posts, caps and cross timbers is furnished the working faces to be placed in position by the miners as directed by the mine officials. Ventilation, furnished by a six foot steel-incased Jeffrey fan electrically driven, has generally been found very good all over the mine. Drainage is natural and, considering the large amount of water encountered in the workings, it is very good. The coal is mined by hand, gathered to the parting with mules and hauled to the outside by two large electric haulage motors and from there it is conveyed to the tipple over a tram road containing two back switches, which seriously handicapped the production of coal at this mine, as this mine alone, if operated to capacity, would be capable of producing upwards of 1500 tons per day, but, as the coal from the No. 2, No. 5 and No. 6 must all be handled over one tipple, possibly all the coal that can be handled is at present being mined. This mine has been well opened up, the stoppings on all the main entries properly cemented and made air tight, man holes made and marked and is, in nearly every respect, a model mine. At present it is producing about 800 tons per day.

J. J. DOBBIE, *Supt.* G. W. BURKE, *Mine Foreman.*

CUMBERLAND COAL CO.

DOUGLAS.

General Offices, Albert.

No. 435. *Douglas No. 2—Drift.* Located at Douglas on the main line of the W. M. R. R. The Kittanning seam, with an average thickness of about six feet in height is being operated on the double entry system. The roof is composed of head coal and is considered good for the Kittanning seam. No timbering is done only along the entries, except those placed by the miners; a plentiful supply of posts, cross timbers being furnished at all the working places and placed in position by the miners as required by the mine foreman. A three and a half foot high speed steel-incased Robinson force fan furnishes ventilation and the air current has been found amply sufficient at dates of all inspections. The coal is mined by hand, gathered and hauled to the outside with mules, lowered over an inclined plane to a tram road from there hauled around the hill, a distance of about a half a mile and dumped over the No. 2 tipple into the coke oven Larry; the coal is then taken by the Larry out on a railroad trestle built over a side track on the W. M. R. R., where the coal from the Larry is dumped into the railroad cars. There have been no special improvements made at this mine during the past year, as the area of coal is very limited, however, aside from the unusual difficulty of getting this coal to the railroad cars, this mine can safely be reported as a model little operation. The mining laws are complied with in every essential particular and the mine kept in nice condition throughout.

It is difficult to furnish a proper estimate of the capacity of this mine. In view of the difficulties encountered in handling the coal on the outside, the underground development and appliances are amply sufficient to produce from 400 to 500 tons per day.

J. J. DOBBIE, *Supt.* ABRAHAM ROBERTS, *Mine Foreman.*

CUMBERLAND COAL CO.

DOUGLAS.

Offices, Albert.

No. 436. *Douglas No. 6—Drift.* Located at Douglas, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about six feet is being operated; no definite system is being followed out in the workings, as the object to be attained is the recovery of coal left in, when a former mine was abandoned The roof is of slate and generally rather bad, however, a plentiful supply of posts, caps and cross timbers is furnished the miners at their working faces and I have always found the timbering well looked after. Natural ventilation was being depended upon at date of last inspection and I recommended that a more efficient system be adopted to properly ventilate the workings of this mine. As may be expected, drainage was rather bad, the mine being operated to the dip and in close proximity to old workings. Coal was mined by hand and hauled to the outside with mules and from there to the tipple, over a tram road a mile long, by a steam locomotive. The mining laws, in all essential particulars, were complied with, except that I found dynamite being used to blast the bottom rock in order to secure sufficient height for haulage in the working places; I requested that this dynamite be dispensed with and a permissible powder adopted in its stead; this was done. This mine, on date of examination, seemed capable of producing about 150 tons per day.

J. J. DOBBIE, *Supt,* WALTER PILL. *Mine Foreman.*

DAVIS COAL & COKE COMPANY.

THOMAS.

General Offices, Thomas.

No. 437. *Thomas No. 23—Drift.* Located at Thomas, on the main line of the W. M. R. R. The Freeport seam, with an average thickness of about 7 feet is being operated on the double entry system. The roof varies from a very hard to a very soft and dangerous slate that requires close and careful attention as to timbering; some timbering is done along the entries by Company men employed for that purpose and, in addition to this, a plentiful supply of posts, caps and cross timbers is furnished the miners at their working faces to be placed in position by them as directed by the mine officials. Ventilation, furnished by an 18-foot Guibald force fan with direct steam connections, has been found good in all parts of the mine now operating. The dip workings require considerable care as to drainage, a number of large pumps having been installed for that purpose. The Company is at present removing the accumulated water from the extreme lower workings of these dips, as a former management had permitted that portion of the mine to drown out some time ago. The coal is mined by hand, where mining is possible, and shot out of the solid with permissible powder "a system of mining I do not approve of where undercutting is not possible on account of the coal being so extremely hard." The coal is hauled to the parting with mules and from there conveyed to the outside by a large electric haulage motor. Many improvements are being made inside, at present, as it is the oldest operating mine in Tucker county, the present management found it in rather bad condition. At this writing, they have been busily engaged in cleaning up and improving the haulways, driving new air courses and, in various ways, endeavoring to get the mine in better operating condition. On the outside, they have been busily engaged in replacing a wooden building, which housed the boilers necessary to operate the large central electric power house with one of brick and steel construction. Several old buildings, which seem to be useless, have been torn down and a large wooden shed built over the tracks at the mine mouth is also being torn away. I can especially approve of this last structure being removed, as it may have at some time become a fire trap. The mining laws are generally well complied with. I find it difficult to give even an approximate tonnage in speaking of the output of this mine, for as before stated, some of the workings are yet under water.

R. P. MALONEY, *Gen. Supt.* S. E. HAWKSHAW, *Mine Foreman.*
JOHN CLIFFORD, *Supt.* ARTHUR STUART, *Fire Boss.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices, Thomas.

No. 438. *Coketon No. 24—Drift.* Located one mile from Thomas, on the

Davis branch of the W. M. R. R. R. The Freeport seam, with an average thickness of 5 feet 6 inches, is being operated on the double entry system. The roof varies from hard slate to a very soft slate, of a treacherous and dangerous nature. Head coal is being left up in all the entries and most of the rooms at present and this affords a very good roof; in addition to this, a plentiful supply of posts and caps is delivered to the working faces and placed by the miners as directed by the mine foreman. Ventilation, furnished by a 15-foot Crawford & McCrimmon force fan electrically driven, has generally been found very good. Drainage is natural and, with the care it is at present receiving, has become fairly good. The coal is mined by hand, gathered and hauled to the tipple with mules. This is an old mine, requires and receives close attention. The present mine foreman has proven himself to be exceedingly capable in handling a mine of this character. The mining laws are generally well complied with. The mine is at present producing between three and four hundred tons per day.

R. P. MALONEY, *Gen Supt.* M. N. UTTERBACK, *Mine Foreman.*
P. J. BRENNAN, *Supt.*

DAVIS COAL & COKE COMPANY.

THOMAS.

No. 439.—*Thomas No. 25—Drift.* Located at Thomas, on the main line of the W. M. R. R. The Freeport seam, with an average thickness of about six feet is being operated on the double entry system. The roof varies from hard slate in some sections of the mine to a very soft and treacherous slate in others. Company men are engaged in placing timbers where necessary along the entries and, in addition to this, a plentiful supply of posts and cross timbers is furnished the miners at their working faces and placed in position as directed by the mine officials. Ventilation, furnished by an 18 foot Guibald force fan, with electric connections, has usually been found good, although on date of last visit I insisted on a larger current of air being maintained in the advanced workings of the Stewart section of this mine. This seam of coal is badly cut up with faults and rolls and numerous clay veins; in the Stewart or dip section, gas is liberated somewhat freely. The coal is extremely hard, the faults are so numerous that the management seems unable to operate the mining machines successfully and this necessitates the blasting of coal from the solid, a system of mining I do not approve of. Permissible powders are used exclusively, electric batteries being used to fire the shots. I required the working places to be kept moist. A safety inspector is on duty in the gaseous section of this mine. This mine has long been regarded as one that requires close watching; it was for many years in charge of Mr. W. B. Riggleman, now inspector of the first district. He was succeeded by Mr. E. P. Brennan, whom I regard as an energetic, competent and conscientious man. The safety of such mines as the No. 25 depends entirely on the care, conscience and capability of the officials in charge and I very much appreciate the efforts made by Mr. Riggleman and now being made by Mr. Brennan to safe-guard life and property. Mr. Riggleman has certainly earned and deserved the appreciation of every one and it now seems that Mr. Brennan will prove a very worthy successor to him; both of these men have had the support of a fire boss long in the employ of this company.

Drainage is well cared for at present, several electric pumps being used to handle the water encountered in the mine workings.

Some improvements have lately been made inside at this mine, a very large concrete and steel over-cast having been recently constructed, new pump houses made and a new traveling way for miners provided.

The coal is mined as above stated, hauled to the parting with mules and conveyed to the outside by two large electric haulage motors. The mining laws are in other respects generally well complied with. The output is greatly curtailed by the difficulties of mining above mentioned. The present capacity of this mine is about 500 tons per day.

R. P. MALONEY, *Gen. Supt.* E. P. BRENNAN, *Mine Foreman.*
JOHN CLIFFORD, *Supt.* JOE GALIA, *Fire Boss.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices, Thomas.

No. 440. *Coketon No. 26—Drift.* Located at Coketon, one mile from Thomas on the Snyder's Run branch of the W. M. R. R. The Freeport seam, with an average thickness of about 5 feet, is being operated on the double entry system. In many portions of the mine, the roof is of hard slate, in others, the slate is of a soft nature, close and careful timbering being required, and some timbering is necessary along the entries, attention to this being given by the day men. Posts and cross timbers, when needed, are delivered to the working places and placed in position by the miners as directed by the mine foreman. Ventilation is furnished by the fan located at the No. 27 mine and has generally been found good. Drainage is natural and in bad condition generally, so much so that, on my last visit, I gave the mine foreman time to get his drainage improved, also to put his means of ingress and egress, with reference to refuge holes, in better condition and later made a special visit and found him busily engaged in this work. The coal is mined by hand, gathered to the parting with mules and hauled to the outside with a string team. With the above exceptions, I found the mine laws generally well complied with. With the present development, this mine is capable of producing about 200 tons per day.

R. P. MALONEY, *Gen. Supt.* A. I. JENKINS, *Mine Foreman.*
P. J. BRENNAN, *Supt.*

DAVIS COAL & COKE COMPANY.

THOMAS.

General Offices, Thomas.

No. 441. *Thomas No. 34—Shaft.* Located at Thomas, on the main line of the W. M. R. R. The Kittanning seam, with an average thickness of about five feet is being operated on the double entry system. The roof varies from solid sand rock to very soft slate and, as a usual thing, is found bad. Ventilation, furnished by a 16-foot Clifford-Capell reversible fan, has never been found very good on account of the bad condition of the air-ways, they having been obstructed by water and numerous roof falls; despite the fact that this mine is plentifully supplied with pumps, drainage has been very bad, in fact, through lack of care given to the drainage tunnel at the No. 35 mine, the workings of this mine were entirely drowned out and vigorous efforts were necessary to overcome this water and get to the shaft bottom and at present, a large force of men is engaged in trying to get this mine in operating condition and I predict that conditions will be much improved during the coming year. There is sufficient development, if it is cleaned up and properly cared for, to afford a tonnage sufficient to make it a reasonably large producer. When last operated, aside from the neglect of drainage and difficulties with the ventilation, the mining law was otherwise complied with in its essential features. This shaft is 198 feet deep.

R. P. MALONEY, *Gen. Supt.* GEO. DASH, *Mine Foreman.*
C. F. BASHORE, *Supt.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices, Thomas.

No. 442. *Coketon No. 35—Drift.* Located at Coketon, one mile from Thomas on the main line of the W. M. R R. The Lower Kittanning seam, with an average thickness of about six feet is being operated, developments being on the double entry system The roof is of slate and not very good; a number of day men are constantly at work on the headings, timbering and removing slate and, in addition to this, a plentiful supply of posts and cross timbers is furnished the miner at his working places and placed in position as directed by the mine foreman. Ventilation is furnished by the return air from the No. 36 fan and with a split from the air current generated by the fan located at the old Thomas No. 34 shaft and is amply sufficient for any number of men that can profitably be employed in this mine. The coal is mined by hand, gathered by mules and hauled to the outside by an electric haulage motor. The mining laws are complied with in all essential particulars. I find it difficult to estimate approximately the possible tonnage of this mine, as it was hurriedly abandoned a few years ago and, during the time it has stood idle, numerous heavy falls have occurred and it is still a question whether it would be profitable to clean up some of them, as I understand the principal reason for re-opening this mine was to clean out a drainage tunnel that had been driven through these workings for the purpose not only of draining this mine, but the No. 36 as well. At present, about a dozen miners are engaged in mining coal and an equal number of day men cleaning falls of slate, rock, etc.

R. P. MALONEY, *Gen. Supt.* T. A. FLEMING, *Mine Foreman.*
P. J. BRENNAN, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices. Thomas.

No. 443. *Coketon No. 36—Drift.* Located at Coketon, one mile from Thomas, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about four feet three inches, is being operated on the double entry system The roof is of soft slate in some parts and of head coal in other sections and, as a general thing, is not very good. Company men are engaged in timbering the entries and, in addition to this, a plentiful supply of posts and cross timbers is furnished to the miners at their working places and put in position as directed by the mine officials. The coal is mined by hand, gathered to the parting by mules and gathering motors and hauled to the outside by large electric motors. Ventilation is furnished by a 15 foot Crawford & McCrimmon fan, operated on the force principle with electric connections and, in addition to this, a current of air is secured from the fan located at Francis No. 41 and has been found generaly good at the working places. Drainage is natural and by pumps and not good in various parts of the mine. This is a very old mine, has been very badly used, and I have had to use some insistence that the means of ingress and egress be kept up to lawful standards, falls being of such frequent occurrence that slate and other debris were obstructing the man holes. I ordered these obstructions taken out and kept out, which I am advised has been done. The mining laws are complied with in all other essential particulars. With the present development and a full force of men, this mine is capable of producing 800 to 900 tons per day.

R. P. MALONEY, *Gen. Supt.* J. F. FOREMAN, *Mine Foreman.*
P. J BRENNAN, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices, Thomas.

No. 444. *Coketon No. 37—Drift.* Located at Coketon, one mile from Thomas, on the main line of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about four feet six inches, is being operated on the double entry system. The roof is of sand rock in some parts of the mine and of a very soft slate in other sections. Company men are engaged almost constantly in timbering and, in addition to this, a plentiful supply of cross timbers and posts is furnished the miners at the working places and placed in position as directed by the mine officials. Ventilation is furnished by a four foot Robinson steel-incased force fan, located at the bottom of a ventilating shaft, sunk to the coal measures, one mile from the mine mouth. At date of last inspection, ventilation was found good. Drainage is natural at the working faces, pumps being located at water level, and the water pumped from there to the outside. The coal is mined by hand, gathered by electric motors and conveyed to the outside by two large haulage motors. As this is a very old mine and has been very badly used, the ingress and egress are difficult to maintain at lawful standards. In other respects the mine laws are generally well met. With the present available working places, the dip section of the mine having been drowned out and seems to be abandoned, this mine is capable of producing about 500 tons per day. This shaft is 165 feet deep.

R. P. MALONEY, *Gen. Supt.* WILLIAM MATHER, *Mine Foreman.*
P. J. BRENNAN, *Superintendent.*

DAVIS COAL & COKE COMPANY.

BUSH.

General Offices, Thomas.

No. 445. *Bush No. 38—Shaft.* Located at Bush, four miles from Thomas, on the Snyder's Run branch of the W. M. R. R. The Lower Kittanning coal, with an average thickness of about five and a half feet is being operated at this mine on the double entry and panel systems. The roof is of coal and soft slate and not very good; timber men are constantly engaged in placing supports along the entries and, in addition to this, a plentiful supply of posts and cross timbers is furnished the miners at their working faces and placed in position as directed by the mine officials. Ventilation, furnished by a twelve foot steel-incased reversible Jeffrey fan electrically driven, has been found of sufficient volume, although on my last visit I required two more splits to be made in the ventilating current. The workings are driven to the rise and drainage is good. One steam and one electric pump, located at the shaft bottom, are abundantly able to take care of all the water so far encountered in the workings of this mine. The coal is mined by hand, gathered to the parting with electric motors and from thence hauled to the shaft bottom with electric haulage motors. The mining laws are complied with in all essential particulars. With the present development and a full force of men this mine is capable of producing 1,200 tons per day.

R. P. MALONEY, *Gen. Supt.* JOSEPH JONES, *Mine Foreman.*
JOHN CLIFFORD, *Superintendent.*

DAVIS COAL & COKE COMPANY.

PIERCE.

General Offices, Thomas.

No. 446. *No. 39—Shaft.* Located at Pierce, three miles from Thomas, on the Pierce branch of the W. M. R. R. The Lower Freeport seam, with an average thickness of about five and a half feet, is being operated on the double and triple entry systems. The roof is of head coal and soft slate and not very good; timber men are engaged constantly in timbering the entries and, in addition to this, a plentiful supply of posts and cross timbers is delivered to the working faces and placed in position by the miners as directed by the mine officials. Ventilation, furnished by a twelve foot steel-incased Jeffrey reversible fan, electrically driven, has always been found very good. The coal is mined by hand. Most all the working places being driven to the rise, the drainage is found very good. Two large electric pumps, located at the shaft bottom, are more than sufficient to care for all the water found. The coal is mined by hand, gathered to the parting with mules and electric gathering motors and hauled to the shaft bottom by larger electric motors, where it is raised to the outside by a model hoisting arrangement. The mining laws are complied with in all essential particulars. It is an up-to-date mine and, while natural conditions, as a whole, are not as good as the No. 40, yet no pains have been spared to make this a model mine; five new concrete overcasts have been built, balances have been put in the material shaft to facilitate the easy handling of the cage, as men are to be hoisted out of the material and not the coal shaft in the future and, although neither gas nor dust is present in these mines, at my request, a strict checking system has been adopted, in order that an accurate tally may be maintained of men entering or leaving the mine at all times. This shaft is 438 feet deep and is capable of producing from 700 to 800 tons per day.

R. P. MALONEY, *Gen. Supt.* J. L. JEFFERYS, *Mine Foreman.*
W. W. BREWER, *Superintendent.*

DAVIS COAL & COKE COMPANY.

PIERCE.

General Offices, Thomas.

No. 447. *Pierce No. 40—Shaft.* Located at Pierce, four miles from Thomas, on the Pierce branch of the W. M. R. R. The Lower Kittanning coal, thickness of about six feet, is being operated on the double and triple entry systems. The roof is of coal and soft slate and usually not very good Quite a number of day men are engaged in taking care of the roof conditions along the principal headings and, in addition to this, posts and cross timbers are delivered to the working places and placed in position by the miners as directed by the mine officials. Ventilation, furnished by a twelve foot Jeffrey reversible steel-incased fan, electrically driven, has generally been found very good. The mine is worked nearly altogether to the rise, and drainage is good in most all places. Two large electric pumps are installed at the shaft bottom and they are amply sufficient to care for all the water found. The coal is mined by hand, it having been found by experiment that, owing to the very soft nature of this coal and favorable mining conditions, a good miner could mine and load just about as much coal as could be loaded by the average machine man. The haulage is done partly with mules and partly with electric gathering motors, conveyed to the shaft bottom by large electric motors and hoisted on automatic cages. The mining laws are complied with in all essential particulars. This mine is at present producing about 800 tons per day but, as it is a comparatively new mine, with limited development, the present tonnage will be greatly increased. Many improvements have been made during the past year; balances have been placed on the material shafts, five new concrete overcasts constructed, solid stoppings put in on the principal air-ways, much new track laid and many other things too numerous to mention. On the outside, everything possible has been done to make this a model mining plant.

A strictly up-to-date opera house has been built, where exhibitions are made and moving pictures shown four nights out of the week and a model bowling alley has been installed in the basement of the large company store, gas, water and electric lights have been placed in many of the company houses.

This shaft is 250 feet deep.

R. P. MALONEY, *Gen. Supt.* F. S. TASKER, *Mine Foreman.*
W. W. BREWER, *Superintendent.*

DAVIS COAL & COKE COMPANY.

COKETON.

General Offices, Thomas.

No. 448. *Francis No. 41—Slope.* Located at Francis, three miles from Thomas, on the Davis branch of the W. M. R. R. The Lower Kittanning seam, with an average thickness of about three feet eight inches, is being operated on the double and triple entry systems. The roof is composed of top coal and soft slate and is not very good. A plentiful supply of cross timbers and mine props is delivered to the working faces and placed in position by the miners as directed by the mine officials. Ventilation, furnished by a fourteen foot steel-incased Jeffrey force fan, electrically driven, has been found generally good. The current has been divided into a number of separate splits by the use of over-casts, one of these splits being deflected into the advanced workings of the Coketon No. 36, this latter mine being ventilated principally from the fan at No. 41. The coal is mined by hand, hauled to the parting with mules, thence to the bottom with electric motors and from there it is hauled up the slope to the tipple by an electrically driven endless rope. A number of electric pumps are in use and the drainage of the mine is carefully looked after and has been found in generally good condition. The mining laws are generally well complied with. This is a very beautiful and thoroughly up-to-date mining plant and, if it were not for the fact that it seems to be wrongly located, the amount of coal limited, that can be mined from this opening for some time to come, this plant would be a very large producer; as it is, probably not over 700 or 800 tons per day can be mined.

R. P. MALONEY, *Gen. Supt.* A. J. WADDELL, *Mine Foreman.*
P. J. BRENNAN, *Superintendent.*

FIFTH DISTRICT

GENERAL SUMMARY FOR THE FIFTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.			EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
	No. of Openings.	No. of Persons Killed.	Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Braxton	8	4	119	56	12	39	226	23	4	27	253	236,501	....
Clay	4	1	30	204	28	48	310	70	...	70	380	396,411	....
Fayette (part).	16	6	445	1,019	134	606	2,204	292	199	491	2,695	1,762,279	225,059
Gilmer	3	..	.....	58	16	25	99	16	...	16	115	116,969	....
Greenbrier	1	..	15	.....	2	6	23	7	...	7	30	22,663	....
Mason	3	..	42	108	18	62	236	31	...	31	261	123,630	....
Kanawha (part)	23	3	207	1,106	180	522	2,015	302	...	302	2,317	1,623,978	....
Nicholas (part).	4	..	56	6	2	20	84	8	2	10	94	86,677	3,967
Putnam	8	2	705	6	2	255	968	216	...	216	1,184	554,923	....
Totals ...	70	16	1,619	2,563	394	1,583	6,159	965	205	1,170	7,329	4,924,001	229,026

OFFICE OF FIFTH DISTRICT MINE INSPECTOR.

CHARLESTON, August 17, 1914.

HON. E. A. HENRY,
Chief of Department of Mines,
Charleston.

DEAR SIR:—I herewith respectfully submit to you my Annual Report, as Inspector of the Fifth Mining District, for the year ending June 30, 1914, composed of the Counties of Braxton, Clay, part of Fayette, Gilmer, Greenbrier, part of Kanawha, Mason, part of Nicholas, and all of Putnam.

I am pleased to report that I have received the hearty co-operation of the operators, mine officials and miners during the past year and there seems to be well defined effort on the part of operators, miners and mine officials to enforce a more rigid method of discipline in the operation and development of the mines, more especially as to the safety and sanitary conditions of the mines.

I am glad to say that in the discharge of my duties I have received courteous treatment from mine officials and miners and I desire to extend to you my thanks for the advice and assistance which you have extended me at all times. Your advice will always be appreciated during my connection with the Department.

Yours respectfully,

R. B. COBB,
Mine Inspector, Fifth District.

NEW MINES.

Hackett Coal Company, Kanawha County.
Camp Piatt Coal Company, Kanawha County.
Perryville Coal & Mining Company, Kanawha County.
Campbells Creek, White Star, No. 5 Drift, Kanawha County.
Boomer Coal & Coke Company, No. 5, Mine, Fayette County.
Boomer Coal & Coke Company, No. 6 Mine, Fayette County.
Davis Colliery Company, No. 5 Mine, Braxton County.
Campbell's Creek, No. 5, Ten Mile.

MINES IDLE DURING THE YEAR.

Wierwick Cannel Coal Company, located at Wier, Kanawha County.
Coopers Creek Coal Company, located at Big Chimney, Kanawha County.
Dixie Coal Works, located at Mason, Mason County.
Consumers Coal & Mining Company, located at Spillman, Mason County.
Williams Coal Company, located at Morris, Kanawha County.

BRAXTON.

BRAXTON COAL & COKE COMPANY.

BRAXTON.

No. 501. *Braxton—Drift.* Located at Cutlip, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which has an average thickness of six and one-half feet. The roof is slate and in some sections it is bad and requires to be well timbered to insure safety. Ventilation is by means of a temporary furnace, which furnishes sufficient air for the number of persons employed, as this is a very small development, employing only a few persons. Coal is mined by pick with mule haulage. One tipple.

W. G. COLBORN, *Superintendent.* F. M. MURPHY, *Mine Foreman.*

COPEN CREEK COAL COMPANY.

GILMER.

No. 502. *Vanwith—Drift.* Located between Copen and Bower, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to seven feet. The roof is slate and in some sections it is bad, requiring careful attention and a proper system of timbering to insure safety. There is but little water to contend with. Ventilation is produced by temporary furnaces, which do not furnish sufficient ventilation and, under my instructions, they are now

installing a fan which will furnish necessary ventilation. The coal is mined with pick, with mule haulage. One tipple.
H. S. HUBER, *Superintendent.* H. S. HUBER, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

BOWER.

No. 503. *No. 10—Drift.* Located at Bower, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to eight feet, with a slate roof, which in some sections is of a dangerous character and must be properly timbered to insure safety. The miners are well supplied with timber and as a rule the working places are well timbered. Ventilation is produced by a fan, which furnishes sufficient air when properly distributed. There is but little water to contend with; drainage generally good. Coal is mined by pick and electric mine machines; in some sections, where the roof is especially bad, the mine machines cannot be successfully operated and, where conditions of this kind exist, the coal is mined by pick. The mining law is generally complied with at this mine.
THOMAS DAVIES, *Superintendent.* P. J. STANTON, *Mine Foreman.*

DAVIS COLLIERY COMPANY.

BOWER.

No. 504. *No. 11—Drift.* Located at Copen, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from four to nine feet, with a slate roof, which is bad in some sections and requires careful attention and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. There is but little water to contend with. Drainage good. Ventilation is produced by fan, which furnishes sufficient air to ventilate the present development. The coal is mined by pick, with horse and mule haulage. The mining law is generally complied with.
THOMAS DAVIES, *Superintendent.* WORTHY RIGGS, *Mine Foreman.*

CLAY.

ELLIOTT SPLINT & GAS COAL COMPANY.

CLAY.

No. 505. *York—No. 1—Drift.* Located half a mile west of Clay, on the Coal & Coke Railroad, operating the Coalburg seam of coal, which varies in thickness from six to eight feet. The roof is slate and in some sections is bad and requires to be well timbered to secure safety. There is but little water to contend with; drainage good. Coal is mined by electric mine machines, with mule haulage. Ventilation is produced by a fan, which furnishes sufficient air that is properly distributed throughout the mine, and the mining laws are well observed. One tipple.
H. E. TAYLOR, *Superintendent & Mine Foreman.*

ELK MANOR COAL COMPANY.

DORFEE.

No. 506. *Dorfee—Drift.* Located at Dorfee, on the main line of the Coal & Coke Railroad, operating the Winifrede seam of coal, which varies in thickness from three and one-half to four feet, with a slate roof, which is good with few exceptions. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan, which furnishes sufficient air when properly distributed to the working places. The coal is mined by electric chain machines, with mule and electric haulage. The mining law is generally observed. One tipple.
JOHN CONNELL, *Superintendent.* CHAS. PARKER, *Mine Foreman.*

ELK RIVER COAL & LUMBER COMPANY.

WIDEN.

No. 507. *Rich Run—Drift.* Located at Widen, on the Buffalo Creek and Gauley Railroad, which connects with the Coal & Coke at Dundon, operating the No. 5 seam of coal, which has a thickness of six feet, with a slate roof, which is generally good. There are eight sets of drifts, the products of all being loaded from the same tipple. Ventilation is produced by fans and is good. There is but little water to contend with. Drainage is good. The coal is mined by electric mine machines, with mule and electric haulage. The mining laws are generally observed.
R. T. PRICE, *Superintendent.* J. P. DONALDSON, *Mine Foreman.*

QUEEN SHOALS COAL COMPANY.

QUEEN SHOALS.

No. 508. *Burnzwell—Drift.* Located near Queen Shoals, on the Coal & Coke Railroad, operating the No. 5 seam of coal, which varies in thickness from three to four feet, with a slate and sand stone roof, which is generally good. The ventilation is produced by a furnace, which furnishes sufficient air for the number of persons employed, as this is a very small development. The mining laws are well observed. One tipple.
W. R. MORRIS, *Superintendent.* THOMAS BOSTIC, *Mine Foreman.*

FAYETTE.

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 509. *Boomer—No. 1—Drift.* Located near Boomer, on a branch of the main line of the K. & M. Railroad, operating the No. 2 gas seam, which has a thickness of five feet, six inches, with a slate roof, which is generally good throughout the mine. This mine is mostly pillar work, and on the retreat, and has considerable surface water to contend with, but drainage good. Coal is mined by pick and electric mine machines, with mule and electric motor haulage. Ventilation is produced by a fan with good results. One opening; one tipple. The mining laws are generally complied with.

Michael Gallagher, *Gen. Mgr.* D. B. Ross, *Mine Foreman.*
T. H. Huddy, *Superintendent.*

BOOMER COAL & COKE COMPANY.

Boomer.

No. 510. *Boomer—No. 2 North—Drift.* Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 1 Eagle seam, which has an average thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character, and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are well timbered. There is but little water to contend with. Drainage good. Some sections of the mine are especially dry and have to be regularly watered to allay the dust. Ventilation is produced by a fan, which furnishes sufficient air when properly distributed to the working places. Considerable improvements have been made in the system of ventilation and haulways. The coal is mined by pick and electric mine machines. Haulage by mules and electric motors. The mining laws are generally complied with.

Michael Gallagher, *Gen. Mgr.* John Huddy, *Mine Foreman.*
T. H. Huddy, *Superintendent.*

BOOMER COAL & COKE COMPANY.

Boomer.

No. 511. *Boomer—No. 2—South—Drift.* Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 1 Eagle seam, which has an average thickness of five and one-half feet. The roof is slate and in some sections is of a dangerous character and must be well timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. There is but little water to contend with. The greater part of the mine being dry in some sections it is necessary to properly water the same. Ventilation is produced by a fan, which furnishes sufficient air to properly ventilate the working sections. The coal is mined by pick and electric mine machines. In some sections, where the roof is bad, machines cannot be successfully operated, making it necessary to mine the coal by pick, mule and electric haulage. The product of No. 2 North and South are handled over one tipple. The mining laws are generally complied with.

Michael Gallagher, *Gen. Mgr.* John Long, *Mine Foreman.*
T. H. Huddy, *Superintendent.*

BOOMER COAL & COKE COMPANY.

Boomer.

No. 512. *Boomer—No. 3—Drift.* Located one mile east of Boomer, on a branch of the K. & M. R. R., operating the No. 2 gas seam of coal, which has a thickness of 5 feet, 3 inches, with a slate roof, which is generally good, there being only a few places that require special attention. The miners are well supplied with timber and the working places are properly timbered. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient ventilation. Coal is mined by electric mine machines, with mule and electric haulage. The mining law is well observed.

MICHAEL GALLAGHER, *Gen. Mgr.* C. E. LILLY, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 513. *Boomer—No. 4—Drift.* Located one mile east of Boomer, on a branch of the K. & M. Railroad, operating the No. 2 gas seam, which has an average thickness of five and one-half feet, with a slate roof, which is generally good, there being only a few places that have to be given careful attention. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan, which furnishes sufficient, and it is properly distributed throughout the mine. Coal is mined by electric machines, with mule and electric haulage. The mining law is well complied with. The products of Nos. 3 and 4 are handled over the one tipple.

MICHAEL GALLAGHER, *Gen. Mgr.* **JOHN ELSWICK**, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

BOOMER COAL & COKE COMPANY.

BOOMER.

No. 514. *Boomer—No. 5—Drift.* Located near Boomer, on a branch line of the K. & M. Railroad, operating the No. 2 gas seam, which has an average thickness of five feet, three inches, with a slate roof, which is generally good throughout the mine. There is but little water to contend with, as the mine is practically dry. This is a new mine just opened up within the last year. Ventilation is produced by a fan with good results. The coal is mined by electric mine machines, with mule and electric haulage. The mining laws are generally complied with. The product of this mine and No. 6 are handled over the one tipple.

MICHAEL GALLAGHER, *Gen. Mgr.* PARK STONE, *Mine Foreman.*
T. H. HUDDY, *Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 515. *No. 2—Drift.* Located on the Cannelton Railroad, one mile east of Cannelton, operating the No. 2 gas seam of coal, which has an average thickness of six and one-half feet, with a slate roof, which is good with few exceptions. The mine is well timbered and close attention is given to any conditions that might become in any way dangerous to the employes. In some sections of the mine there is considerable water to contend with. Drainage good. Ventilation is produced by a fan that furnishes sufficient air, which is properly distributed throughout the mine. A number of the headings liberate explosive gas in small quantities. Over-casts have been constructed to give the required splits in the air current. This mine is being developed on a plan that a proper system of ventilation can be maintained with but little additional expense. Coal is mined by electric chain machines, with mule and electric motor haulage. This is one of the best equipped mines in the Fifth District, and the mining law is fully complied with.

W. C. FRANZ, *General Manager.*
F. O. HARRIS, *Gen. Supt.* GEORGE MUSGROVE, *Mine Foreman.*
HENRY DEEM, *Superintendent.* JOE WOOD, *Fire Boss.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 516. *No. 3—Drift.* Located on the Cannelton Railroad, one-half mile east of Cannelton, operating the No. 1 Eagle seam of coal, which has a thickness of four feet and two inches. The roof is slate and generally good. The mine is practically dry. Ventliation is produced by a fan with good results. This is a new mine and as yet developments are small. They have made improvements within the last year, by building a new tipple and putting in conveyors. The mining laws are well observed.

W. C. FRANZ, *General Manager.* J. GARDNER. *Mine Foreman.*
F. O. HARRIS, *Gen. Supt.*
HENRY DEEM, *Superintendent.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 517. *Cannelton—No. 4—Drift.* Located on the branch line of the K. & M. Railroad, about one and one-half miles from Cannelton, operating the No. 2 gas seam of coal, which has a thickness of four and one-half to five feet. The roof is slate and very good. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air throughout the mine. Coal is mined by electric machines, with mule and electric haulage. The mining law is fully complied with.

W. C. FRANZ, *General Manager.* FRANK SELBY, *Mine Foreman.*
F. O. HARRIS, *Gen. Supt.*
HENRY DEEM, *Superintendent.*

COLUMBUS IRON & STEEL COMPANY.

MARTING.

No. 518. *No. 1—Drift.* Located at Marting, four miles east of Smithers, on a branch of the K. & M. Railroad, operating the No. 2 gas seam of coal, which varies in thickness from four to five feet six inches. In some sections the coal is seven feet thick. The roof is slate and is generally good, with the exception of a few places, which have to be given special attention and must be properly timbered to insure safety. There is but little water to contend with, as the greater part of the mine is dry, requiring the use of water to allay the dust. In addition to the use of water, during the winter season, the steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. Ventilation is produced by a fan and is sufficient for the workings of the mine. The coal is principally mined with electric mine machines, with mule and electric haulage. The mine officials take special interest in complying with the mine law.

J. H. FRANTZ, *General Manager.* H. A. JEPSON, *Mine Foreman.*
W. M. GILLIE, *Superintendent*

W. R. JOHNSON COAL COMPANY.

LONGACRE.

No. 519. *Crescent—Drift.* Located at Crescent, on the main line of the K. & M. Railroad, operating the No. 1 Eagle seam of coal, which has a thickness of four to six feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan with good results. There is but little water to contend with. Drainage generally good. Coal is mined by electric mine machine and hauled by electric motors. The mining laws are generally observed.

W. R. JOHNSON, JR., *Gen. Mgr.* TOM PIERCE, *Mine Foreman.*

W. R. JOHNSON COAL COMPANY.

LONGACRE.

No. 520. *Oakland—Drift.* Located at Oakland, on the main line of the K. & M. Railroad, operating the No. 2 gas seam of coal, which varies in thickness from four to four feet three inches, with slate roof, which is generally good. The mine is practically dry, having but little water to contend with. Ventilation is produced by a fan with good results. Coal is mined by pick and electric mine machines, mule and electric haulage. The mine law is generally observed. The product of mines Nos. 1 and 2 is handled over the one tipple.

W. R. JOHNSON, JR., *Gen. Mgr.* BEN HILL, *Mine Foreman.*

SUNDAY CREEK COMPANY.

CARBONDALE.

No. 521. *No. 111—Drift.* Located at Carbondale, on a branch of the K. & M. Railroad, one-half a mile east of Smithers, operating the No. 2 gas seam of coal, which varies in thickness from four and one-half to five feet. The roof is slate and generally good. There is but little water to contend with. In some sections of the mine it is necessary to apply water to allay the dust. During the winter season steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. Ventilation is produced by a fan, which furnishes sufficient air, which is properly distributed. Coal is mined by electric mine machines, mule, electric and rope haulage. The mining law is generally complied with.

F. S. KNOX, *Gen. Mgr.* LEE JENKINS, *Mine Foreman.*
W. F. MANDT, *Superintendent.*

SUNDAY CREEK COMPANY.

CARBONDALE.

No. 522. *No. 112—Drift.* Located one and one-half miles east of Smithers, on a branch of the K. & M. Railroad, operating the No. 2 gas seam, which varies in thickness from four to five feet, with a slate roof, which is generally good. Ventilation is produced by a fan, which furnishes sufficient air and is properly distributed throughout the mine. The greater part of the mine is dry, some sections have to be watered to allay the dust. Coal is mined by electric mine machines, with electric motor haulage. In all sections of the mine the gathering motor is used successfully. The general conditions are good throughout the mine, and the mining laws are generally complied with. During the winter season, steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity.

F. S. KNOX, *Gen. Mgr.* LEAL ROACH, *Mine Foreman.*
W. F. MANDT, *Superintendent.*

SUNDAY CREEK COMPANY.

LONGACRE.

No. 523. *No. 114—Drift.* Located at Longacre, on the main line of the K. & M. Railroad, operating the No. 2 seam of coal, which has an average thickness of five feet. The roof is slate and generally good. There is but little water to contend with. Drainage good. Ventilation is produced by fans with good results. Coal is mined by electric mine machines, mule and electric haulage. The mining laws are generally complied with. During the winter season, steam is discharged into the intake air-way for the purpose of mantaining a proper system of humidity.

F. S. KNOX, *Gen. Mgr.* W. M. MARTIN, *Mine Foreman.*
W. F. MANDT, *Superintendent.*

SUNDAY CREEK COMPANY.

LONGACRE.

No. 524. *No. 115—Drift.* Located at Harewood, on the main line of the K. & M. Railroad, operating the No. 2 gas seam of coal, which has a thickness of five feet and two inches, with a slate roof, which is generally good. There is but a small quantity of water to contend with. Drainage good. Ventilation is produced by a fan with good results. Coal is principally mined by electric mine machines, mule and electric haulage.

This is a large development and the general conditions are very good, as the mine law is well complied with. During the winter season, the steam is discharged into the intake air-way for the purpose of maintaining a proper system of humidity. This mine dumped their coal over Harewood tipple in connection with the product of mine No. 116 until February 15, 1914, at which time they changed their haul-ways and brought their coal through No. 114, and since that time the product of Nos. 114 and 115 have been handled over the same tipple.

F. S. KNOX, *Gen. Mgr.* R. C. MARTIN, *Mine Foreman.*
W. F. MANDT, *Superintendent.*

SUNDAY CREEK COMPANY.

LONGACRE.

No. 525. *No. 116—Drift.* Located at Harewood, on the main line of the K. & M. Railroad, operating the No. 1 Eagle seam, which has an average thickness of about five feet two inches, with a slate roof, which in some sections is of a dangerous character and must be properly timbered to insure safety. The miners are well supplied with timber, and as a rule the working places are well timbered. This is a very wet mine, but has a good system of drainage, and is ventilated by a fan system, which affords good ventilation, and the mining laws are well observed.

F. S. KNOX, *Gen. Mgr.* R. C. MARTIN, *Mine Foreman.*
W. F. MANDT, *Superintendent.*

GILMER.

GILMER CONSOLIDATED COAL COMPANY.

GILMER.

No. 526. *Brackett—Drift.* Loated at Gilmer, on the main line of the Coal & Coke Railroad, operating the Pittsburg seam of coal, which has an average thickness of about seven feet. The roof is slate and, in some sections is bad and requires to be well timbered to insure safety. Ventilation is by means of a temporary furnace, which furnishes sufficient air for the number of persons employed; this is a very small development, employing only a few persons. Coal is mined by pick, with mule haulage. One drift, one tipple.

W. G. COLBORN, *Superintendent & Mine Foreman.*

GILMER FUEL COMPANY.

GILMER.

No. 527. *Gilmer—Drift.* Located at Gilmer, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to seven feet, with a slate roof, which in some sections is of a dangerous character and must be properly timbered to insure safety. The miners are well supplied with timber and as a rule the working places are well timbered. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan and is good. The coal is principally mined by punching machines, operated by compressed air, mule haulage. The mining law is well observed. One opening, one tipple.

W. B. SIMMS, *Superintendent.* W. B. SIMMS, *Mine Foreman.*
WADE MATHENY, *Asst. Mine Foreman.*

McCAA COAL COMPANY.

GILMER.

No. 528. *McCaa—Drift.* Located at Gilmer, on the Coal & Coke Railroad, operating the Pittsburg seam of coal, which varies in thickness from six to eight feet. The roof is slate and of a character that must be properly timbered to insure safety. This mine is ventilated by a fan. Ventilation is good. They have some water to contend with in this mine; not a very good system of drainage. This is a new development, and as yet no permanent system of drainage has been installed. The coal is mined by electric mine machines, with electric motor haulage. One opening, one tipple.

JOE BUMPAS, *Superintendent & Mine Foreman.*

GREENBRIER.

ELK LICK COAL COMPANY.

RICHWOOD.

No. 529. *Spruce Knob—Drift.* Located twelve miles south of Richwood, on the railroad owned by the Cherry River Boom & Lumber Company, operating the Sewell seam of coal, which has an average of three feet nine inches, with a slate roof, which is good. They have water in some sections of this mine, but drainage is good. Ventilation is produced by a fan, which gives good results. Coal is mined by picks, with mule haulage. The mining laws are generally complied with.

H. W. ARMSTRONG, *Gen. Man. & Supt.* H. P. JONES, *Mine Foreman.*
H. P. JONES, *Fire Boss.*

KANAWHA.

BLUE CREEK COAL & LAND COMPANY.

BLAKELEY.

No. 530. *Blakeley—Nos. 1 & 4—Drift.* Located at Blakeley, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet, with a slate and sand stone roof, which in some sections is bad, especially where there is a draw slate varying in thickness from four to twelve inches, which must be taken down or properly timbered to insure safety. There is but little water to contend with. Drainage generally good. Ventilation is produced by a fan with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally observed.

WILLIAM CRICHTON, JR., *Supt.* W. S. MILLER, *Mine Foreman.*

BLUE CREEK COAL & LAND COMPANY.

BLAKELEY.

No. 531. *Will's Hollow—No. 2—Drift.* Located one mile west of Blakeley, on the Kanawha & West Virginia Railroad, operating the No. 5 seam of coal, which has an average thickness of four to five feet, with a slate and sandstone roof, which is generally good. In some sections of the mines they have some water to contend with; drainage good. Ventilation is produced by two fans, which furnish sufficient air and give a proper system of ventilation. Coal is mined by electric mine machines, with mule and electric motor haulage. The products of both mines are loaded from the one tipple. The No. 1 has not been in operation during the year. The mining laws are generally complied with.

WILLIAM CRICHTON, JR., *Supt.* H. E. ROWLAND, *Mine Foreman.*

CAMPBELL'S CREEK COAL COMPANY.

PUTNEY.

No. 532. *No. 1—Drift.* Located at Putney, on the Campbell's Creek Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet, with a slate and sandstone roof, which is good with the exceptions of a few places, where the roof is slate, which has to be well timbered to insure safety. There is little water to contend with. Drainage good. This mine has four openings, and all coal is handled from the four openings over the one tipple. Ventilation is produced by three fans with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally observed.

W. V. RENSFORD, *Man. & Supt.* A. CALDERWOOD, *Mine Foreman.*
ED. WILLIAMS, *Asst. Mine Foreman.*

CAMPBELL'S CREEK COAL COMPANY.

PUTNEY.

No. 533. *No. 3—Drift.* Located at Putney, on the Campbell's Creek Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five and one-half feet, with a slate and sandstone roof, which is good with the exception of a few places, where the roof is slate, which has to be well timbered to insure safety. There is but little water to contend with. Drainage good. Ventilation is produced by a fan with good results. Coal is mined by electric mine machines, with mule and electric motor haulage. The mining laws are generally observed.

W. V RENSFORD. *Mgr. & Supt.* A. CALDERWOOD, *Mine Foreman.*
HARVEY HYSELL, *Asst. Mine Foreman.*

CANNELTON COAL & COKE COMPANY.

CANNELTON.

No. 534. *No. 1—Drift.* Located one mile east of Cannelton, on the Cannelton Railroad, operating the No. 2 gas seam of coal, which has an average thickness of six and one-half feet, with a slate roof, which is generally good, there being only a few places that must be carefully timbered to insure safety. In some sections of the mine there is considerable water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air for a proper system of ventilation. Coal is mined by pick and electric chain machines, with mule and electric haulage. The mine officials, superintendent and mine foreman give careful attention to the safety of the mine. A very small quantity of explosive gas is liberated and this is given close attention by a competent man. The mining laws are generally observed.

W. C. FRANZ, *Gen. Mgr.* THOMAS CUNNINGHAM &
F. O. HARRIS, *Gen Supt.* W. H. THOMAS, *Mine Foremen.*
HENRY DEEM, *Superintendent.*

W. W. GRAHAM.

BIG CHIMNEY.

No. 535. *Graham—Drift.* Located on the main line of the Coal & Coke Railroad, operating the No. 5 seam of coal, with an average thickness of about four feet six inches, with a slate roof, which in sections has to be well timbered to insure safety. They have some water to contend with, with good drainage. Ventilation is produced by a fan, which gives good results. The mining laws are well observed.

C. O. FOWLER, *Superintendent.* T. D. SAMPLES, *Mine Foreman.*

HACKETT COAL COMPANY.

CEDAR GROVE.

No. 536. *Hackett—Drift.* Located at Cedar Grove, on the main line of the K. & M. Railroad, operating the No. 5 seam of coal, which varies in thickness from four and one-half to five feet six inches, with a slate and sandstone roof. Roof is generally good. This mine was opened up within the last twelve months and the work is practically drawing pillars. The ventilation is from natural causes, which furnish sufficient air for the few men that they work. Coal is mined by pick, with mule haulage. The mining laws are well observed.

SAMUEL HACKETT, *Superintendent.* JAMES MARTIN, *Mine Foreman.*

HUGHES' CREEK COAL COMPANY.

HUGHESTON.

No. 537. *No. 2—Drift.* Located at Hugheston, on the main line of the K. & M. Railroad, operating the Coalburg seam, which has a thickness of five and one-half feet, with slate roof, which in some sections is of a dangerous character, especially where there is a draw slate that has to be taken down or properly timbered to insure safety. There is considerable water to contend with. Drainage good. Ventilation is produced by two fans, which furnish sufficient air when properly distributed to the working places. Coal is mined by electric machines, with mule and electric haulage. The mine laws are generally complied with.

W. H. MORRIS, *Superintendent.* W. H. THOMPSON, *Mine Foreman.*

HUGHES' CREEK COAL COMPANY.

HUGHESTON.

No. 537-a. *No. 4—Drift.* Located at Hugheston, and operating the No. 2 gas seam of coal, which has a thickness of four to five feet six inches, with a slate roof, which is generally good. There is little water to contend with. The mine is practically dry. Drainage good. Ventilation is produced by a fan, and is sufficient. Coal is mined by electric mine machines, with mule and electric haulage. The product of this mine is handled over the same tipple as the Nos. 2 and 3 drifts. The mining laws are well observed.

W. H. MORRIS, *Superintendent.* T. E. LITTLEJOHN, *Mine Foreman.*

KELLY'S CREEK COLLIERY COMPANY.

WARD.

No. 538. *No. 1—Drift.* Located at Ward on the Kelly's Creek & Northwestern Railroad, operating the Coalburg Seam which has a thickness of five and one-half feet, with a slate roof, which is generally good, and the working places are properly timbered. Ventilation is produced by a fan which furnishes sufficient air that is properly distributed throughout the mine. There is but little water to contend with. Drainage good. Coal is mined by electric mine machines with mule and motor haulage. The mine laws are well complied with.

J. W. DAWSON, *Gen Mgr.* H. E. VAUGHAN, *Mine Foreman.*
C. C. GRESSANG, *Supt*

KELLY'S CREEK COLLIERY COMPANY.

WARD.

No. 539. *No. 3—Drift.* Located at Ward on the Kelly's Creek & Northwestern Railroad, operating the Coalburg seam, which has a thickness of five and one-half feet, with slate roof which in some sections is of a dangerous character, especially where there is a draw slate that varies in thickness from six to fifteen inches which has to be taken down or properly timbered to insure safety. The miners are well supplied with timber, as a rule the working places are properly timbered. There is but little water to contend with. Drainage good. Ventilation is produced by two fans with good results, as the system of development is such that each fan has a separate intake and return air-way. Coal is mined by electric mine machines with mule and electric motor haulage. Mining laws are generally complied with.

J. W. DAWSON, *Gen. Mgr.* J. T. SHEARER, *Mine Foreman.*
C. C GRESSANG, *Supt.*

THE MARMET COAL COMPANY

MONARCH.

No. 540. *Monarch—Drift.* Located at Monarch, on the main line of the K. & M. Railroad, operating the Cedar Grove seam of coal which has an average thickness of three and a half feet with a slate roof which is generally good, the working places are properly timbered. The mine is practically dry, it being necessary to water some sections to allay the dust. Ventilation is produced by a fan and is good. Coal is mined by electric chain machines, mule and electric motor haulage. The mining laws are generally complied with.

EDWIN MARMET, *Gen. Mgr.* FRED YOUNG, *Mine Foreman.*
TOM OLIVER, *Supt.*

MILL CREEK CANNEL MINING CO.

VILLA.

No. 541. *Villa—Drift.* Located at Villa, on a narrow Gauge Railroad 4½ miles from the Coal & Coke R. R., operating the Cannel Seam—3 ft. 6 in. thick. Ventilation is produced by a fan; drainage fairly good. This coal is delivered to the Coal & Coke Ry. by a steam locomotive.

J. F. HUDSON, *Supt. & Mine Foreman.*

MORRIS FORK COAL COMPANY.

HEATHERMAN.

No. 542. *Turner No. 2—Drift.* Located one mile east of Turner on a branch of the Coal & Coke Railroad, operating the No. 5 Seam of coal which varies in thickness from three to four feet, with a slate and sandstone roof, which is generally good. Ventilation is produced by a fan with good results. There is but little water to contend with. Drainage good. Coal is mined by electric chain machines, mule and electric haulage. The mining law is generally observed. The products of both of these mines are loaded from the same tipple.

J. L. MANDT, *Supt.* F. W. MANDT, *Mine Foreman.*

PEN MAR MINING COMPANY.

BIG CHIMNEY.

No. 543. *Pen Mar—Drift.* Located at Bream, seven miles east of Charleston on the Coal & Coke Railroad, operating the Coalburg Seam of coal which has a thickness of three to 4½ feet, with a slate roof which is generally good. Ventilation is produced by a fan with good results. There is but little water to contend with. Drainage good. Coal is pick mined, mule haulage. This mine is operated on a cheap scale. The mining laws are very well observed.

JACOB HOUSEHOLDER, *Supt.* S. T. HOGE, *Mine Foreman.*

QUEEN SHOALS COAL COMPANY.

QUEEN SHOALS.

No. 544. *Queen Shoals—Drift.* Located at Queen Shoals on the main line of the Coal & Coke Railroad, operating the No. 5 Seam of coal which varies in thickness from three and one-half to four feet, with a slate roof which is good with few exceptions. There is but little water to contend with, for the mine is practically dry. Ventilation is produced by means of a furnace which furnishes sufficient air for the number of persons employed as the work being done is principally drawing of pillars, but the mine is practically finished now. Coal is pick mined with mule haulage. The mine law is generally observed. One tipple.

W. R. MORRIS, *Superintendent* D. W. WRIGHT, *Mine Foreman.*

QUINCY COAL COMPANY.

QUINCY.

No. 545. *No. 1—Drift.* Located one mile east of Dickinson, on a branch of the K. & M. Railroad, operating the No. 5 Seam of coal which has a thickness of five and one-half feet, with a slate roof which is generally good. In some sections there is considerable water to contend with. Drainage generally good. Ventilation is produced by a fan which furnishes sufficient air to meet the requirements of the law. Coal is mined by electric chain machines, mule and electric haulage. The mine law is generally observed.

JOHN L. DICKINSON, *Gen Mgr.* JAMES HEMMINGS, *Mine Foreman.*
H. H. FLETCHER, *Supt.*

QUINCY COAL COMPANY.

QUINCY.

No. 545-a. *No. 2—Drift.* Located one mile east of Dickinson, on a branch of the K. & M. Railroad, operating the No. 1 Gas, Eagle seam of coal, which has a thickness of three and one-half feet, with a slate roof which is generally good. Some sections have considerable water to contend with, but drainage good. Ventilation is produced by a fan which furnishes good air to meet the requirements of the law. Coal is mined by electric chain machines with motor haulage. The mining law is generally observed. The coal from this mine is handled over the same tipple as the No. 1.

JOHN L. DICKINSON, *Gen Mgr.* JAMES HEMMINGS, *Mine Foreman.*
H. H. FLETCHER, *Supt.*

STANDARD-KANAWHA COAL MINING COMPANY.

QUICK.

No. 546. *Coalridge No. 1—Drift.* Located at Roderick on the Kanawha & West Virginia Railroad, operating the No. 5 Seam of coal which has an average thickness of four and one-half feet, with a slate and sandstone roof which is generally good. In some sections of the mine there is some water to contend with. The system of drainage is good. Ventilation is produced by a fan with good results. The coal is mined by electric mine machines, mule and electric motor haulage. Mining laws are generally complied with.

A. L. BLACK, *Supt.* N. E. DAVIS, *Mine Foreman.*

STANDARD-KANAWHA COAL MINING COMPANY.

SANDERSON.

No. 547. *Acme No. 2—Drift.* Located at Morris on the Kanawha and West Virginia Railroad, operating the No. 5 Seam of coal which has a thickness of five feet, with a slate and sandstone roof which is generally good. Ventilation is produced by a fan with good results. Coal is mined by electric chain machines with mule and electric haulage. The mining law is well observed.

A. L. BLACK, *Supt.* J. M. ROSS, *Mine Foreman.*

SUNDAY CREEK COMPANY.

SHREWSBURY.

No. 548. *No. 101—Drift.* Located at Shrewsbury, on the main line of the K. & M. Railroad, operating the No. 5 Seam of coal which has a thickness of five to six feet, with sandstone and slate roof which is good with few exceptions where there is a draw slate which must be taken down or properly timbered to insure safety. Ventilation is produced by a fan and is generally good, there being several openings near the advanced workings. There is a considerable quantity of water to contend with. The system of drainage is poor, the conditions are such that it would make it very expensive to maintain a proper system of drainage. Coal is mined by electric chain machines, mule and electric motor haulage. With the exception of a poor system of drainage, the mining law is well observed.

F. S. KNOX, *Gen. Mgr.* T. J. KENNEDY, *Mine Foreman.*
E. L. MICHIE, *Supt.*

SUNDAY CREEK COMPANY.

CEDAR GROVE.

No. 549. *No. 104—Drift.* Located near Cedar Grove on the Kelly's Creek Railroad, operating the Coalburg Seam of coal which has an average thickness of 4 to 5 feet, with a slate and sandstone roof, and all the sections where the roof is slate have to be properly timbered to insure safety. There is little water to contend with. Drainage good. Ventilation is produced by a fan which furnishes sufficient air which is properly distributed throughout the mine. Coal is mined by electric mine machines, mule and electric motor haulage. The mining law is well observed.

F. S. KNOX, *Gen. Mgr.* J. W. FRASIER, *Mine Foreman.*
E. L. MICHIE, *Supt.*

SUNDAY CREEK COMPANY.

MAMMOTH.

No. 550. *No. 105—Drift.* Located at Mammoth on the Kelly's Creek Railroad, operating the Coalburg Seam of coal which varies in thickness from four and one-half to six feet, with slate roof which is generally good, with the exception of a few places. There is little water to contend with. Drainage good. Ventilation is produced by two fans, which give good results. Coal is mined by electric mine machines, mule and electric haulage. The mining laws are generally complied with.

F. S. KNOX, *Gen. Mgr.* W. F. COBB, *Mine Foreman.*
E. L. MICHIE, *Supt.*

SUNDAY CREEK COMPANY.

MAMMOTH.

No. 551. *No. 108—Drift.* Located on the Kelly's Creek Railroad, operating the Coalburg Seam of coal which varies in thickness from four to five feet, with slate roof which is generally good, with the exception of a few places. There is little water to contend with. Drainage good. Ventilation is produced by a fan which gives good result. Coal is mined by electric mine machines, mule and electric haulage. This mine had been idle for sometime, has been cleaned up and startd operation within the last year. They have done considerable improvement, as to cleaning up and shooting haul-ways in the mine, the mine is in good condition, the mining laws are generally complied with.

F. S. KNOX, *Gen. Mgr.* N. A. MCKENZIE, *Mine Foreman.*
E. L. MICHIE, *Supt.*

VIRGINIA COAL COMPANY.

COAL FORK.

No. 552. *Virginia No. 1—Drift.* Located at Coal Fork on Campbell's Creek, operating the Campbell's Creek Seam of coal which has a thickness of four feet, with a slate and sandstone roof which is generally good. Ventilation is produced by a fan which furnishes sufficient air for the number of persons employed. In some sections of the mine they have considerable quantity of water to contend with. Drainage generally good. The coal is mined by electric mine machines, mule and electric motor haulage. The mining law is well observed.

JAMES KAY, *Gen. Mgr.* CHARLES COTTRELL, *Mine Foreman.*
J. C. GILMORE, *Jr., Supt.*

VIRGINIA COAL COMPANY.

COAL FORK.

No. 552-a. *Virginia No. 2—Slope.* Located at Coal Fork on Campbell's Creek, operating the Campbell's Creek Seam of coal which has a thickness of four feet, with a slate and sandstone roof which is generally good. Ventilation is produced by a fan with good results. They have considerable water to contend with. Drainage generally good. The coal is mined by electric mine machines with motor haulage. This is a new development that has been opened within the last year, and the products are handled over the same tipple with No. 1. The mining law is well observed.

JAMES KAY, *Gen. Mgr.* CHARLES COTTRELL, *Mine Foreman.*
J. C. GILMORE, *Jr., Supt.*

MASON.

HUTCHINSON COAL COMPANY.

MASON.

No. 553. *Linden—Drift.* Located one mile east of Mason on B. & O. Railroad, operating the Pittsburg Seam of coal which has a thickness of four feet, ten in., with a slate roof which in some sections is bad and has to be well timbered to insure safety. Ventilation is produced by a fan and is generally good. In some sections of the mine there is considerable water to contend with. Drainage good. Coal is mined by electric chain machine, mule and electric haulage. The mining law is well observed. One drift, one tipple.

J. PHILLIPS, *Superintendent.* ROBT. KNIGHT, *Mine Foreman.*

JACKSON COAL & MINING COMPANY.

HARTFORD.

No. 554. *Jackson—Drift.* Located at Hartford on the main line of the B. & O. Railroad, operating the Pittsburg Seam of coal, which has a thickness of four and one-half to five feet, with a slate roof which is generally good. This is a new opening which has been ventilated by a temporary furnace, but they are installing a fan, which will make good ventilation. This mine is operated in conjunction with the Jackson Furnace Mine, and the products from both mines are handled over one tipple.

EARL EWING, *Superintendent.* LEWIS LARUE, *Mine Foreman.*

J. M. & D. E. NEWTON COMPANY.

HARTFORD.

No. 555. *Hartford—Drift.* Located at Hartford on the B. & O. Railroad, operating the Pittsburg seam of coal which varies in thickness from four and one-half to five feet, with slate and sandstone roof, which in some sections is of a dangerous character, that has to be properly timbered to insure safety. In some sections of the mine there is considerable water to contend with. System of drainage is poor. Ventilation is produced by a ten foot fan, which affords sufficient ventilation for the number of persons employed. This mine has been drowned out within the last year, and they are pumping it out, and making improvements as they advance, which, if they continue on the same system as they have been carrying out, will place the mine in good condition. One opening, one tipple.

W. H. NEWTON, *Superintendent.* JOHN ROY, *Mine Foreman.*

NICHOLAS.

PARDEE & CURTIN LUMBER COMPANY.

CURTIN.

No. 556. *Panther Creek—Slope.* Located six miles south of Curtin, on a log railroad owned and operated by the Pardee & Curtin Lumber Company, operating the Sewell Seam of coal which has an average thickness of about 4 feet. The ventilation is produced by a furnace which gives very good results for the amount of men employed. The roof is practically good. The coal is pick mined, gathered by the miners to the rope, and from there it is hauled by head rope system to the tipple and dumped into bins for local use for the locomotives used by the Lumber Company. State mining laws are very well observed.

G. W. CURTIN, *Gen. Mgr.* JOE BOGGS, *Supt.*

PARDEE & CURTIN LUMBER COMPANY.

CURTIN.

No. 557. *Mayo—Drift.* Located seventeen miles south of Curtin, on a log railroad owned and operated by the Pardee & Curtin Lumber Company, operating the Sewell seam of coal, which has an average thickness of about five feet. Ventilation is produced by a furnace, which affords sufficient air for the amount of men employed. The roof is of a good character. The coal is mined by picks and pushed by hand to the rope by the miners, from where it is hoisted to the drift-mouth by a head rope, and from there it is lowered by traction to the bins, into which it is dumped for local use of the operating Lumber Company. The drainage is bad on account of the work going to the dip. The mining laws are very well observed at this mine.

G. W. CURTIN, *General Manager.*
A. W. SMITH, *Superintendent.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 558. *Saxman No. 1—Drift.* Located two miles south of Fenwick, on a railroad owned by the Fenwick Lumber Company, operating the Sewell seam of coal, which has an average thickness of three feet six inches, with a slate roof, which is very bad in some sections, and requires careful attention as to timber. Have some water to contend with in some sections, but drainage good. Ventilation is produced by a fan, which gives good air. Coal is mined by electric mine machines with motor haulage. The products of mines Nos. 1 and 2 are handled over the same tipple. The mining laws are well observed.

T. M. SAXMAN, *Supt.* M. F. ALLENBAUGH, *Mine Foreman.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 558-a. *Saxman No. 2—Drift.* Located two miles south of Fenwick, on a railroad owned by the Fenwick Lumber Company, operating the Sewell seam of coal, which has an average thickness of three feet six inches, with a slate roof, which is very bad in some sections and requires careful attention as to timber. Have some water to contend with in some sections, but drainage good. Ventilation is produced by a fan, which gives good results. Coal is mined by electric chain machines, with motor haulage. The mining laws are well observed.

T. M. SAXMAN, *Supt.* M. F. ALLENBAUGH, *Mine Foreman.*

SAXMAN COAL & COKE COMPANY.

SAXMAN.

No. 558-b. *Saxman No. 3—Drift.* Located three miles south of Fenwick, on a railroad owned by the Fenwick Lumber Company, operating the Sewell seam of coal, which has an average thickness of three feet six inches, with a slate roof, which is very bad in some sections, and requires careful attention as to timber. Have some water to contend with in some sections, but drainage good. Ventilation is produced by a fan, which gives good results. Coal is pick mined, with mule haulage. The mining laws are well observed.

T. M. SAXMAN, *Supt.* E. S. BUZZARD, *Mine Foreman.*

PUTNAM.

BLACK BETSEY COAL & MINING COMPANY.

BLACK BETSEY.

No. 559. *Black Betsey No. 2—Drift.* Located at Black Betsey, on the Kanawha and Michigan Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet; the roof is slate and in some sections is of a dangerous character and has to be properly timbered to insure safety. The miners are well supplied with timber and, as a rule, the working places are properly timbered. In some sections of the mine they have considerable surface water to contend with. Drainage good. Ventilation is produced by a fan, which is generally good. Coal is all mined by pick, with mule and electric motor haulage. The mining laws are generally observed.

C. R. SANTROCK, *Supt.* ROBT. BUCKHANNON, *Mine Foreman.*

BLACK BETSEY COAL & MINING COMPANY.

BLACK BETSEY.

No. 559-a. *Black Betsey No. 3—Drift.* Located at Black Betsey, on the K. & M. Railroad, operated in connection with No. 2 Mine, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character and must be properly timbered to insure safety. As a rule, the miners are well supplied with timber, and the working places properly timbered. There is but little water to contend with. Drainage good. Ventilation produced by a fan with good results. Coal is all pick mined, with mule and electric motor haulage. The product of No. 2 and No. 3 is loaded from the same tipple. The mining laws are generally complied with.

C. A. SANTROCK, *Supt.* ROBT. BUCKHANNON, *Mine Foreman.*

OAK FOREST COAL COMPANY.

WINFIELD.

No. 560. *Oak Forest—Slope.* Located at Oak Forest, on the south side of Kanawha river, three miles south of Winfield, operating the Pittsburg seam of coal, which varies in thickness from three and one-half to four feet. The roof is slate and generally good, with the exception of a few places, where clay veins are encountered, which causes the roof to be faulty. There is but little water to contend with. Drainage good. Ventilation is produced by a fan, which furnishes sufficient air to meet the full requirements of the law. The mine is operated on a small scale and has only been in operation at irregular intervals during the past year. Coal is mined by electric machines and hauled by electric motors. The second opening is a shaft eighty feet in depth, which is used as a return air course and equipped with a ladder, which does not fully comply with the law; a second opening should be equipped with stairs or hoisting machinery. With the above exceptions, the law is well observed. One tipple to load by river.

D. L. THOMAS, *Superintendent & Mine Foreman.*

THE OTTO MARMET COAL & MINING COMPANY.

RAYMOND CITY.

No. 561. *Big Otto No. 1—Drift.* Located on Harmon's creek five miles east of Raymond City, operating the Pittsburg seam of coal, which has a thickness of five feet eight inches, with a slate roof, which in some sections is of a dangerous character and has to be given close attention to insure safety. The miners are well supplied with timber, and as a rule the working places are properly timbered. There is but little water to contend with; drainage good. Ventilation is produced by a fan and is generally good. Coal is pick mined, mule and electric haulage. Mining laws are well observed.

EDWARD SCHONEBAUM, *Supt.* ANDREW UTT, *Mine Foreman.*
CHAS. CAWLEY, *Mine Foreman.*

THE OTTO MARMET COAL & MINING COMPANY.

RAYMOND CITY.

No. 561-a. *Big Otto No. 2—Drift.* Located on Harmon's creek, five miles east of Raymond City, operating the Pittsburg seam of coal, which has a thickness of five feet eight inches, with a slate roof, which in some sections is of a dangerous character that must be well timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered, as the miners who work in the mines in Putnam county are principally all practical miners and thoroughly understand the necessity of a proper system of timbering to protect themselves from a roof of the character that exists throughout this section. There is but little water to contend with; drainage good. Ventilation is produced by a fan with good results. Coal is mined by pick and hauled by mule and electric motors to the mine tipple, from that point the coal is delivered to the river and railroad tipples by steam locomotives; the product of three mines being loaded from the same tipple. The mining laws are generally complied with.

EDWARD SCHONEBAUM, *Supt.* J. R. CARY, *Mine Foreman.*

THE OTTO MARMET COAL & MINING COMPANY.

RAYMOND CITY.

No. 561-b. *Big Otto No. 3—Drift.* Located on Harmon's creek, five miles east of Raymond City, operating the Pittsburg seam of coal, which has a thickness of five feet eight inches, with a slate roof, which in some sections is of a dangerous character and has to be given close attention to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. There is but little water to contend with; drainage good. Ventilation is produced by a fan and is generally good. Coal is pick mined, with mule and electric haulage. Mining laws are well observed.

EDWARD SCHONEBAUM, *Supt.* ANDREW UTT, *Mine Foreman.*

PLYMOUTH COAL & MINING COMPANY.

PLYMOUTH.

No. 562. *Plymouth—Drift.* Located at Plymouth, on the K. & M. Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character and has to be well timbered to insure safety. The miners are well supplied with timber, as a rule the working places are properly timbered. Ventilation is produced by a fan and is generally good. There is but little water to contend with; drainage good. Coal is pick mined and conveyed by mule, electric motor, connecting with rope haulage and taken to the outside, from which point it is hauled by steam locomotive to the railroad and river tipples. The mining laws are generally observed. There are three mines at this place, and the products are all handled over one tipple.

W. C. MITCHELL, *Supt.* C. R. HUMPHREY, *Mine Foreman.*

PLYMOUTH COAL & MINING COMPANY.

Plymouth.

No. 562-a. *Manilla No. 3—Drift.* Located at Plymouth, on the K. & M. Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet. The roof is slate and in some sections is of a dangerous character and has to be well timbered to insure safety. The miners are generally well supplied with timber and as a rule the working places are properly timbered. Ventilation is produced by a fan with good results. In some sections of the mine there is considerable water to contend with. Drainage good. The coal is pick mined, mule, electric, and rope haulage. The mining laws are well observed.
W. C. Mitchell, *Supt.* Robert Fields, *Mine Foreman.*

PLYMOUTH COAL & MINING COMPANY.

Plymouth.

No. 562-b. *Manilla No. 4—Drift.* Located at Plymouth, on the K. & M. Railroad, operating the Pittsburg seam of coal, which has a thickness of five and one-half feet, with a slate roof, which in some sections is of a dangerous character and has to be well timbered to insure safety. The miners are well supplied with timber and as a rule the working places are properly timbered. Ventilation is produced by a fan and is generally good. There is but little water to contend with. Drainage good. Coal is pick mined and conveyed by mule, electric motor, connecting with rope haulage, which takes it to the outside, from which point it is hauled by steam locomotive to the railroad and river tipples. The mining laws are generally observed.
W. C. Mitchell, *Supt.* Robert Fields, *Mine Foreman.*

SIXTH DISTRICT

GENERAL SUMMARY FOR THE SIXTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30TH, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	**Totals.**	Laborers.	Coke Workers.	Totals.	Sum Totals.	**Tons of 2,240 lbs.**	**Tons of 2,000 lbs.**
Boone	9	..	27	347	58	113	545	80	..	80	625	472,993	......
Kanawha (part)	4	..	42	116	14	101	273	52	..	52	325	122,757	......
Lincoln	2	..	20	10	14	13	57	10	..	10	67	61,588	......
Logan	69	18	130	2,405	391	1,187	4,113	703	4	707	4,820	5,333,943	1,322
Raleigh	4	1	86	275	34	133	528	102	..	102	630	662,171	......
Totals	88	19	305	3,153	511	1,547	5,516	947	4	951	6,467	6,653,452	1,322

OFFICE OF SIXTH DISTRICT MINE INSPECTOR.

Charleston, September 15, 1914.

Hon. E. A. Henry,
Chief of Department of Mines,
Charleston.

Dear Sir:—I herewith respectfully submit to you my report as Inspector of the Sixth District for eight months, commencing October, 1913, and ending June 30th, 1914, being the period for which I have held this office. This district comprises Boone, part of Kanawha, Lincoln, Logan, and a part of Raleigh county.

I am pleased to report that the general conditions of the mines in this district are very favorable to general safety, except in some parts of the district, where they have a treacherous draw slate measuring from twelve to thirty inches; this, however, is taken down in nearly all the mines and is the only possible way to secure safety, as timber will not hold, since the slate falls around it.

In the Island Creek District, the natural conditions are the best I have ever seen; top excellent; some mines use no timber and very little is used in any of the mines in this seam.

On my first examination, I found in many of the mines the electric wiring not what you would consider safely constructed or put up. I have recommended that, at crossings where men travel under, the wires be let in the roof or so protected that the men may not come in contact with them and that trolley wires be put on the side of the entries opposite where rooms or entries are turned off; these trolley wires should be put at least twelve inches outside the rail. All other wires should be put up as high and out of the way as far as possible.

Nearly all the new mines and many old ones are installing motor haulage and, by adopting some rule as to how wires should be put up, it would, in my judgment, reduce the number of the accidents caused by wires.

Another matter of much importance to the Department and to the State, which I take great pleasure in reporting, is that nearly all the mines in this District that mine domestic coals are putting in equipment so as to prepare their coal in different sizes to take advantage of the markets and to compete with coals coming from other states. This, our coals will do, when prepared in this way.

I regret the number of fatal and non-fatal accidents occurring, but, as you are aware, since the passage of the Workingman's Compensation Act, a number of accidents are reported which would not have been otherwise and I feel assured that when the suggestions and recommendations, in your valuable letters to me, and to the different companies throughout the State, are carried out, as I know they will be, you will see conditions very much improved.

It has not been necessary for me to make any prosecutions in this District during the year. I have made it a point to talk to many of the men, as well as to the managers and owners of the mines, and to try and impress upon them the importance of helping us to carry out the law, thus making conditions better for all.

I want to express to you a feeling of gratitude and appreciation of your counsel and assistance, which has proven very valuable in the discharge of my duties. I am glad to report, in this respect, that I have received the courteous treatment of owners, officials and employes. And to them and to you I desire to express my thanks.

Very respectfully,

ENOCH CARVER,
Inspector of Sixth District.

LIST OF NEW MINES IN THE SIXTH DISTRICT.

Mine. Company. Location.

Lincoln—Lincoln Coal Mining Corporation, Big Creek, Logan County.
Opal No. 1—Horse Creek Black Coal Company, Mistletoe, Boone County.
Ruffner—Ruffner Coal Company, Accoville, Logan County.
Litz-Smith—Litz-Smith Coal Company, Accoville, Logan County.
Mifflin No. 2—Mifflin Coal Company, Clothier, Logan County.
Tipple 2 and 3
Tipple 5 and 6—Main Island Creek Coal Co., Chauncey, Logan County.
Mines 11 and 12—U. S. Coal and Oil Company, Mona, Logan County.
Mine No. 2—Shamrock Coal Company, Logan, Logan County, on Island Creek.

LIST OF MINES ABANDONED OR IDLE.

Knickerbocker—Paint Creek Colliery Company, Olcott, Kanawha County.
Olcott No. 2—Olcott Coal and Iron Company, Olcott, Kanawha County.
Peytona No. 2—Peytona Block Coal Company, Peytona, Boone County.

BOONE.

ANCHOR COAL COMPANY.

HIGHCOAL.

No. 601. *Anchor.* Situated on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., drift, operating the Coalburg seam, seven feet thick. Room and pillar systm, double entries. The ventilation, produced by an eight foot fan, is fairly good. Roof and drainage good. Coal is undercut with electric chain machines and is hauled by motors. Mine's capacity is about 550 tons per day.

G. H. HORNICKEL, *Superintendent.* TOM GREEN, *Mine Foreman.*

THE COAL RIVER COAL COMPANY.

CLOTHIER.

No. 602. *Ottawa—Nos. 1 & 2—Drift.* Located on the Coal River branch of the C. & O. R. R., and the Spruce fork of the Coal river, operating the No 1 Eagle seam, which is four to five feet thick. Room and pillar system. Double and triple entries. Ventilation is good, produced by a seven foot fan. The mine has a good roof. Coal is undercut by electric chain machines and hauled by electric motors and mules. The mine has a capacity of about 500 tons per day.

J. M. MOORE, *Superintendent.* ED. ZWILLING. *Mine Foreman.*

HICKORY ASH COAL COMPANY.

STERLING.

No. 603. *Hickory Ash—Drifts.* Located on the Coal River branch of the C. & O. R. R. and Indian creek, a tributary of Coal river, operating a splint coal from three feet and six inches to four in thickness. Room and pillar system, double entries. Ventilation is good, produced by three five foot force fans. The roof and drainage are good. The coal is undercut with electric chain machines. Hauled by electric motors. These mines have a capacity of about 500 tons per day.

GRANT MCGHEE, *Superintendent.* THOS. WATERS. *Mine Foreman.*

HORSE CREEK BLOCK COAL COMPANY.

WOODVILLE.

Main Office. Columbus, Ohio.

No. 604. *Opal No. 1—Drift.* Operating the No. 5 Block seam, four feet eight inches thick, on the double entry system. Ventilated by a furnace. Coal is hauled by mule and electric motor.

G. B. COMBS, *Superintendent & Mine Foreman.*

C. W. THOMPSON, *President.*

PEYTONA BLOCK COAL COMPANY.

PEYTONA.

No. 605. *Peytona.* Located at Peytona, on the Coal River branch of the C. & O. R. R., drift, operating a splint coal three feet six inches thick. Room and pillar systems, double entries. Ventilation is good, produced by a three foot force fan. Roof and drainage good. Coal undercut with electric chain machines and the mine's capacity is about 350 tons per day.

R. A. SNEAD, *Mine Foreman.*

SENG CREEK COAL COMPANY.

WHITESVILLE.

No. 606. *Seng Creek.* Located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R. and Coal River, drift, operating the Coalburg seam, which is about four feet two inches in thickness. Room and pillar system. The ventilation is produced by two fans, one six feet, the other forty-two inches, and is good. Roof good. Drainage good. The coal is undercut by electric chain machines and is hauled by motors. This mine has a capacity of about 350 tons per day. The electric wiring found to be not as good as it should be. Have requested that at crossings wires be let in roof or protected so that a man in traveling under it would not come in contact with it, and that other wires be put up high and out of the way as far as possible.

C. C. LOVETT, *Superintendent.* G. W. SPRADLING, *Mine Foreman.*

THE SPRUCE RIVER COAL COMPANY.

RAMAGE.

No. 607. *Ramage No. 1—Drift.* Located on the Coal River branch of the C. & O. R. R., and the Spruce fork of the Coal river, operating the No. 1 Eagle seam, which has a thickness of four and one-half to five feet. Room and pillar system, with double entries. Ventilation is good, produced by a ten foot fan. Roof and drainage good. Coal cut by electric machinery and hauled with mules. Mine has a capacity of about 400 tons per day.

J. B. RAMAGE, *Superintendent.* GEO. BULLACH, *Mine Foreman.*

WEBB COAL MINING COMPANY.

GARRISON.

No. 608. *Webb.* Located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R., and Seng creek, drift, which operates the Coalburg seam, seven feet thick. Room and pillar system. This mine consists of several openings, which are ventilated by a ten foot fan. The roof is not good in several places. Drainage good. Coal un-

dercut with electric chain machines, hauled by mules and motor. Capacity is about 500 tons per day.
JOHN HOLMES, *Superintendent.* ROBT. WALKER, *Mine Foreman.*

KANAWHA.

OLCOTT COAL & IRON COMPANY.

OLCOTT.

No. 609. *Olcott No. 1—Drfift.* Operating the thirty-four inch Black Band seam, located on the Kanawha Central R. R. and Brier creek, a tributary of Coal river. The ventilation is produced by fan and is fair. Roof and drainage fair. Coal undercut with electric chain machines and hauled by motors. This is a very good grade of domestic coal. The mine's capacity is about 400 tons per day. The electric wiring found to be not in as good condition as it should be; have requested that, at crossings, the wires be let in the roof or protected so that a man in passing under, will not come in contact with' it, and that other wires be put up high and out of the way as far as possible.
H. S. LINGLE, *Superintendent.* WALTER DALE, *Mine Foreman.*

OLCOTT COAL & IRON COMPANY.

OLCOTT.

No. 610. *Olcott No. 2—Drift.* Operating the forty-eight inch Black Band seam, located on the Kanawha Central R. R. and Brier creek, a tributary of Coal river. The ventilation is produced by a fan and is fair. Roof and drainage fair. Coal undercut by electric chain machines and hauled by motors and mules. This is a good grade of domestic coal. Capacity is about 350 tons per day.
H. S. LINGLE, *Superintendent.* C. E. GRIFFITH, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

DUNGRIFF.

No. 611. *Knickerbocker—Drift.* Operating thirty-nine inch Black Band seam, located on the Kanawha Central R. R. and Brier creek, a tributary of Coal river. The ventilation is produced by furnace and is good. Drainage fair and roof good. The coal is shot from the solid, but the mine is kept moist throughout and the shot inspected by shot inspector before it is fired. Capacity about 350 tons per day.
E. D. GRIFFITH, *Superintendent.* LEE PATRICK, *Mine Foreman.*

LINCOLN.

BRANCHLAND COAL COMPANY.

BRANCHFIELD.

No. 612. *Branchland—Drift.* Operating the Stockton seam, which has a thickness of about seven feet, located at Branchfield, in Lincoln

county. Ventilation is only fair and the drainage not good. Roof is bad in places. The coal is mined by punching machines and hauled by mules. The mine's capacity is about 200 tons per day.
V. A. JOHNSON, *Superintendent & Foreman.*

GUYAN RIVER COAL COMPANY.

HUBBALL.

No. 613. *Guyan River—Drift.* Located at Hubball, on the main line of the Guyan Valley branch of the C. & O. R. R., operating the Thacker seam, which is about four feet ten inches thick. The mine is ventilated by a furnace, which produces good results. Drainage, roof, doors all good. The coal is mined by compressed air punching machines and is hauled by mules. The capacity is about 150 tons per day.
V. JOHNSON, *Superintendent & Mine Foreman.*

LOGAN.

AMHERST COAL COMPANY.

ROBINETTE.

No. 614. *Amherst No. 1—Drift.* Located near Robinette, on Buffalo creek, operating the Island Creek seam, which has a thickness at this point of four feet and ten inches. The ventilation is produced by a six foot fan and is good. Drainage, roof, doors and stopping all good. The coal is mined by electric machinery and hauled by motors. The capacity of Amherst No. 1 and No. 2 is about 700 tons.
J. N. SWEITZER, *Superintendent.* C. C. FULTZ, *Mine Foreman.*

AMHERST COAL COMPANY.

ROBINETTE.

No. 614-a. *Amherst No. 2—Drift.* Operating the Thacker seam with a thickness of about seven feet, located near Robinette, on Buffalo creek. The ventilation is produced by a six foot fan and is fair. Drainage good. Roof good, except in a few places. The coal is undercut by electricity and hauled by mules and motors. The capacity of Mines No. 1 and No. 2 of the Amherst Coal Company is about 700 tons per day.
J. N. SWEITZER, *Superintendent.* C. C. FULTZ, *Mine Foreman.*

ARACOMA COAL COMPANY.

LOGAN.

No. 615. *Aracoma Nos. 1 & 2—Drifts.* Located near Logan and on the Guyan Valley branch of the C. & O. R. R., ventilated by two seven foot fans and the ventilation is good. Drainage and roof in each mine good. Coal, which is the Island Creek seam, six feet thick, is undercut with electrical machinery and hauled by mules and motors. The capacity of these mines is about 1,000 tons per day.
F. E. KING, *Superintendent.* M. MCPARLAND, *Mine Foreman.*

ARGYLE COAL COMPANY.

YOLYN.

No. 616. *Argyle Mine.* This mine is operating the Thacker seam, six feet eight inches thick. Ventilated by a six foot fan, which gives good results. Roof and drainage are very good. Employs twenty-two men inside; mining is done by machine, coal is hauled by mules.
H. T. HARVEY, *Superintendent.* T. E. MARONEY, *Mine Foreman.*

AVON COAL COMPANY.

ACCOVILLE.

No. 617. *Avon Nos. 1 & 3.* New mines, in the Island Creek seam, which have a thickness of coal at this point of four feet and six inches. The ventilation is produced by a six foot fan in each mine and is good. Drainage and roof good in each case. These mines are reached by an incline of about 800 feet. The combined capacity of Mines Nos. 1, 2 and 3 is about 800 tons per day.
S. E. SCHOLL, *Superintendent.* L. E. SCHOLL, *Mine Foreman.*

AVON COAL COMPANY.

ACCOVILLE.

No. 617-a. *Avon No. 2—Drift.* Located at Accoville, on Buffalo creek, operating the No. 1 Eagle seam, which is six feet six inches thick. The ventilation is produced by a seven foot fan and is good. Drainage fair. Roof bad in some places. The coal is cut by electricity and hauled by mules. The combined capacity of the Avon Mines Nos. 1, 2 and 3 is about 800 tons per day.
S. E. SCHOLL, *Superintendent.* L. E. SCHOLL, *Mine Foreman.*

BLACK HAWK COLLIERY COMPANY.

BIG CREEK.

No. 618. *Black Hawk.* Located at Big Creek, on the Guyan branch of the C. & O. R. R., operating the No. 2 gas seam, which has a thickness at this point of five feet. Good roof. The ventilation is produced by a furnace and is good. Drainage and timbering good. The coal is mined by pick miners and hauled by mules. Mine's capacity is about 100 tons per day.
J. L. DAWSON, *Superintendent.* W. E. MESSINGER, *Mine Foreman.*

BUFFALO-EAGLE COLLIERY COMPANY.

ACCOVILLE.

No. 619. *Buffalo Eagle—Drift.* Operating the Eagle seam, which is five feet five inches thick, located near Accoville, on Buffalo creek. Ventilation is produced by a four foot fan and is fairly good. Drainage, roof, doors and stoppings all good. Coal mined by machinery and hauled by motors. This mine is on development.

E. E. JONES, *Mine Foreman.*

COAL RIVER COAL & COKE COMPANY.

CLOTHIER.

No. 620. *Dobra—Drift.* Located on the Coal River branch of the C. & O. R. R. and Spruce fork of Coal river, operating the No. 2 gas seam, which is five feet thick. Room and pillar system, double and triple entries. The ventilation is good, produced by a six foot fan. The roof has a bad draw slate. Drainage good. Coal is cut with electric machines and hauled by motor to the tipple. Capacity is about 375 tons per day.

B. J. HINER, *Superintendent.* G. W. LAX, *Mine Foreman.*

CORA COAL & COKE COMPANY.

CORA.

No. 621. *Cora—Drift.* Operating the Winifrede seam, which averages six feet in thickness, located on Island Creek, two miles above Logan. This mine has a good sandstone roof and the rooms are driven from twenty-six to thirty-two feet wide and driven up 250 to 300 feet. Ventilation is produced by a fan and is good. Drainage good. Very little, if any, timber used. The coal is undercut by electrical machinery and hauled by mules and motors. Mine's capacity is about 900 tons per day.

C. W. JONES, *Superintendent.* E. E. RUSSELL, *Mine Foreman.*

COAL VALLEY MINING COMPANY.

CLOTHIER.

No. 622. *Sylvia—Drift.* Operating the No. 2 gas seam, which is four feet ten inches thick, located at Clothier, on the Coal River branch of the C. & O. R. R. and Spruce fork of Coal river. Room and pillar system, double entries. The ventilation, which is produced by a five and one-half foot fan, is fairly good. Drainage good. Roof, consisting of draw slate, is bad in places. Timbering good. Coal undercut with electric chain machines and hauled by motor. Mine's capacity is about 450 tons per day.

FRED VERMILLION, *Superintendent.* CHAS. LAX, *Mine Foreman.*

THE CROWN COAL COMPANY.

CROWN.

No. 623. *Crown—Drift.* Operating the Island Creek seam, which has a thickness of four feet eight inches, located at Lax, on the Buffalo Creek extension of the Guyan Valley branch of the C. & O. R. R. Ventilation is by a five foot fan and is fairly good. Drainage good. Roof good. Doors and stoppings fair. The coal is mined by electricity and hauled by motors and mules. The mine's capacity is about 400 tons per day.

JOHN LAX, *Superintendent.* P. M. LAX, *Mine Foreman.*

CUB FORK COAL COMPANY.

YOLYN.

No. 624. *Cub Fork.* New drift, located at Yolyn, on Rum Creek extension of the Guyan Valley branch of the C. & O. R. R., operating the Winifrede seam, which is at this point about seven feet thick. The ventilation is by furnace and is good. Drainage good. Roof good, except draw slate. The coal is mined by electricity and hauled by mules and motors. The mine is on development.

E. C. JAMES, *Superintendent.* F. L. RAMEY, *Mine Foreman.*

DRAPER COAL & COKE COMPANY.

LOGAN.

No. 625. *Draper—Drift.* Operating the Powellton seam, which is four feet six inches thick, located at Logan. The ventilation is produced by a twelve foot fan and is good. Drainage fair and the roof is good. Parts of the mine are dry and must be dampened. The wiring is not protected as it should be. The coal is undercut by electric chain machines and hauled by motors and mules. The mine's capacity is 500 tons per day.

JOHN PULLEN, *Superintendent.* JOHN PULLEN, *Mine Foreman.*

EAGLE ISLAND COAL COMPANY.

KISTLER.

No. 626. *Eagle Island—Drift.* Located near Man, on Buffalo creek, operating the Island Creek seam, with a thickness of four feet two inches. The ventilation is produced by a six foot fan and is good. Roof, drainage, doors, and stoppings good. The coal is cut with electricity and hauled by motors and mules. Mine's capacity is about 200 tons per day.

A. J. KING, *General Manager.* ED. JONES, *Mine Foreman.*

ETHEL COAL COMPANY.

ETHEL.

No. 627. *Ethel Nos. 1 & 1 1-2—Drifts.* Located on Dingess run, six miles above Logan, operating the Winifrede seam, the thickness of which is five feet two inches. A good sandstone roof. The ventilation is produced by a ten foot fan, run by steam, and is fairly good. Drainage, doors and stoppings all good. No explosive gas has been detected in this mine. The coal is undercut with electric chain machines and hauled by mules and motors. The combined capacity of Ethel No. 1 and Ethel No. 2 is 1,300 tons per day.

L. EPPERLY, *Superintendent.* W. H. BAKER, *Mine Foreman.*

ETHEL COAL COMPANY.

ETHEL.

No. 627-a. *Ethel No. 2—Drift.* Located on Dingess run, six miles above Logan, operating the Winifrede seam, which has a thickness of five feet two inches. Ventilation, by an eight foot fan, is well distributed. Drainage good and the mine is damp. Roof and doors good. A very small amount of explosive gas has been found liberating. The coal is undercut by electricity and hauled by motors and mules. The capacity of this mine, together with that of Ethel No. 1, is 1,300 tons per day.

L. EPPERLY, *Superintendent.* W. H. BAKER, *Mine Foreman.*

FORT BRANCH COAL CORPORATION.

FORT BRANCH.

No. 628. *Fort Branch—Drift.* Located on Dingess run, three miles above Logan, operating the Winifrede seam, which has a thickness of five feet. Good sandstone roof. Ventilation is good, produced by eight foot fan. Drainage good. Doors and stoppings not good at time of visit. Coal is undercut with compressed air punching machines and hauled by mules and motors. The electric wiring in this mine was found to be not as good as it should be; have requested that, at crossings where men pass under, wires be let in the roof or so protected that the men may not come in contact with them; other wires should be put up and out of the way as far as possible. Mine's capacity is about 400 tons per day.

JAMES SOMERS, *Superintendent.* ROBT. GEE, *Mine Foreman.*

FRIEZE FORK COAL MINING COMPANY.

ETHEL.

No. 629. *Frieze Fork—Drift.* Operating the Winifrede seam, three and one-half to four feet thick, located about a mile above Ethel, on Dingess run. The ventilation is by a five foot fan and is good. Roof, drainage, doors and stoppings good. Coal undercut by electric machinery and hauled by motors and mules. Capacity about 200 tons per day.

A. SHIMMIN, *Superintendent.* A. SHIMMIN, *Mine Foreman.*

GAY COAL & COKE COMPANY.

LOGAN.

No. 630. *Gay—Drift.* Located on Island Creek, about one and one-half miles above Logan, operating in the Island Creek seam, which has a thickness at this point of about five feet nine inches, with good sandstone roof. On my first visit to this mine, I found it to be very badly ventilated, but upon my last visit, I found ventilation good; it is produced by a fan, brattice cloth being used to conduct it to the face of the advanced workings. Doors and stoppings are in good condition. Drainage good and the mine damp throughout. The mine is successfully worked on the long wall system, the only mine in this district. The coal is undercut by electric chain machines and hauled to a turn-out inside by mules, from this turn-out to the outside by electric motors, and from there to the tipple by steam locomotive. The mine's capacity is about 900 tons per day.

H. S. GAY, JR., *Supt.* FRED KELLERMAN, *Mine Foreman.*

GEORGE'S CREEK COAL COMPANY, INCORPORATED.

ETHEL.

No. 631. *George's Creek—Drift.* Located at the head of Dingess run, on the Dingess Run extension of the Guyan Valley branch of the C. & O. R. R., operating the Winifrede seam of coal, which has a thickness at this point of six feet three inches. The ventilation is by a five foot fan, and is good. Roof, drainage, doors and stoppings all good. Coal is mined by electricity and hauled by mules and motor. Mine's capacity is about 200 tons per day.

ROBT. GUNNING, *Superintendent.* JESSE PERRY, *Mine Foreman.*

GUYANDOTTE COAL COMPANY.

KITCHEN.

No. 532. *Kitchen—Drift.* Located at Kitchen, on the Guyan branch of the C. & O. R. R., operating the Island Creek seam, which has a thickness at this point of about four feet. The ventilation is produced by a five foot fan and is fair only. Doors and stoppins were not in a good condition when seen on my last visit. Drainage good. The coal is cut with compressed air punching machines, and is hauled with mules and gasoline motors. The capacity is about 300 tons per day.

J. A. BRODUS, *Supt.*
R. G. TERRY, *Supt.* J. W. CUTHBERTSON, *Mine Foreman.*

HUDDLESTON COAL COMPANY.

ACCOVILLE.

No. 633. *Huddleston—Drift.* Located about a mile from Accoville, on Buffalo creek, operating the Eagle seam, the thickness of which is four feet six inches. The ventilation is produced by a six foot fan and is good. Roof good, except draw slate. Drainage good. These mines' capacity is about 400 tons per day.

W. L. ROBINSON, *Superintendent.* WM. WHITE, *Mine Foreman.*

E. R. JOHNSON COAL MINING COMPANY.

HUGHEY.

No. 634. *Johnson Nos. 1 & 2—Drifts.* Located near Peach creek, on the Guyan Valley branch of the C. & O. R. R., operating the Winifrede seam, which is four to five feet thick. The ventilation is by a seven foot fan and is good. Drainage goood. Roof good, except in a few places.

The coal is cut with electric chain machines and hauled by motor. The mine's capacity is about 200 tons per day.

J. P. SMALL, *Superintendent.* H. C. ROSKEY, *Mine Foreman.*

KOHINOOR COAL & COKE COMPANY.

CRANECO.

No. 635. *Kohinoor—Drift.*—Located on Buffalo creek, near Craneco, operating the Island Creek seam, which has a thickness at this point of six and one-half feet. The ventilation is produced by a seven foot fan and is good. The drainage, roof, doors and stoppings are all good. The coal is mined by electric machinery. The mine's capacity is about 800 tons per day.

W. BEDDOW, *Superintendent.* H. POIRIER, *Mine Foreman.*

LOGAN COAL COMPANY.

ETHEL.

No. 636. *Logan—Drift.* Located at Ethel, on Dingess run, operating the Winifrede seam, which is four feet eight inches thick. Ventilation is produced by an eight foot fan and is good . Drainage, roof, doors and stoppings good. Coal undercut by pick and machinery, hauled by mules and motors. Capacity is about 800 tons per day. The pillar drawing at this mine is carried on very successfully.

C. S. SOLYERS, *Superintendent.* D. C. EVANS. *Mine Foreman.*

LOGAN MINING COMPANY.

MANBAR.

No. 637. *Earling—Drift.* Located at Earling, on the Guyan Valley branch of the C. & O. R. R., operating the Eagle seam, which is about five feet ten inches thick. The mine is ventilated by a six foot fan, which gives good results. Roof good, except draw slate in a few places. Drainage good, doors and stoppings good. The coal is undercut by electric chain machines and hauled by motors and mules. Mine's capacity is about 1,000 tons per day.

B. LEE HUTCHINSON, *Supt.* G. E. SANFORD, *Mine Foreman.*

LOGAN MINING COMPANY.

ETHEL.

No. 638. *Manitoba—Drift.* Located on Dingess Run five miles above Logan, operating the Winifrede Seam which is five feet 4 in. thick, with good coal top. Ventilation by a four foot fan is good. Drainage is good. Doors and stoppings fairly good. Developed on the four main entry system. Wiring in very bad shape when seen on my first visit; some little improvement has been made recently.

Coal undercut by electricity and hauled by mules and electric motors. Mine's capacity is about 700 tons per day.

B. F. FLYNN, *Supt.* O. I. JENKINS, *Mine Foreman.*

LOGAN MINING COMPANY.

LOGAN.

No. 639. *Mona—Slope.* Located on Main Island Creek about four miles above Logan, operating the Island Creek seam which is six to seven feet thick. This mine has a new tipple under construction, when completed they will erect a fan at the mouth of present mine; this will be some time this fall.

The mine has a good sandstone roof and the drainage is good.

The coal is undercut by electricity and hauled by mules. The mine is on development.

H. E. SNYDER, *Supt.* GRADY WHITMAN, *Mine Foreman.*

LOGAN MINING COMPANY.

ETHEL.

No. 640. *Wanda—Drift.* Operating the Winifrede seam 5 feet thick, and is located on Dingess run, about five miles above Logan. The ventilation is produced by a seven foot fan and is fairly good. Drainage and roof good. The mine was in a good moist condition when last visited.

The coal is undercut with electrical machinery and hauled by motors and mules. Mine's capacity is about 600 tons per day.

B. F. FLYNN, *Supt.* C. D. HYLTON, *Mine Foreman.*

LONG FLAME COAL COMPANY.

STOWE.

No. 641. *Long Flame—Drifts.* Located at Stow on the Buffalo Creek extension of the Guyan Valley branch of the C. & O. R. R., operating the Eagle seam with a thickness of about seven feet six inches. Ventilation is produced by fans, six and eight feet, and is fair. Roof good except draw slate. Drainage good.

Coal mined by electrical machines and hauled by mules and motors.

Combined capacity of these mines is about 550 tons per day.

WM. E. PRITCHARD, *Supt.* T. C. DOOLEY, *Mine Foreman.*

MAIN ISLAND CREEK COAL COMPANY.

CHAUNCEY.

No. 642. *Nos. 1, 2, 3, 4 & 5—Drifts.* Just begun shipping, located at Omar at the head of Main Island Creek on the Main Island Creek extension of the C. & O. R. R.; they operate the Island Creek Seam of coal which is six feet thick at this point; they dump all coal at tipple No. 4. Roof fairly good.

A. J. DALTON, *Supt.*

MANBAR COAL COMPANY.

MANBAR.

No. 643. *Manbar—Drift.* Operating the Eagle Seam which is five feet thick, located at Manbar on the Guyan Valley branch of the C. & O. R. R. The ventilation is produced by a seven foot fan and is good. Drainage only fair and the roof bad in places.

The coal is mined by electricity and hauled by mules and motor. The mine's capacity is about 350 tons per day.

J. S. RILEY, *Supt.* THOMAS STEAD, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 644. *McGregor No. 1—Drift.* Located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. The ventilation is by a seven foot fan and is good. The drainage is good. The roof has a bad draw slate in places and has to be well timbered or taken down.

The mine operates the Winifrede Seam which has a thickness here of six feet and the coal is cut by electricity and hauled by motors and mules.

The capacity of the several mines of the McGregor Coal Company is 800 tons per day.

G. L. BAILEY, *Supt.* WM. NISBETT, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 644-a. *McGregor No. 3—Drift.* Operating the Winifrede seam, which is six feet thick, located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. The ventilation is by a seven foot fan and is good. Drainage good. Roof has a very bad draw slate that must be taken down or well timbered.

The coal is cut by electricity and hauled by motors.

The capacity of the several mines of this Company is 800 tons per day.

G. L. BAILEY, *Supt.* WM. NISBETT, *Mine Foreman.*

McGREGOR COAL COMPANY.

SLAGLE.

No. 644-b. *McGregor No. 4—Drift.* Operating the Winifrede Seam with a thickness of six feet, located on the Rum Creek extension of the Guyan Valley branch of the C. & O. R. R. The ventilation is produced by a seven foot fan and is good. Drainage good. Roof has a very bad draw slate.

The coal is undercut by electricity and hauled by motor. The capacity of these mines is 1500 tons per day.

G. L. BAILEY, *Supt.* WM. NISBETT, *Mine Foreman.*

MIFFLIN COAL COMPANY.

CLOTHIER.

No. 645. *Mifflin No. 1 & 2—Drifts.* Located on the Coal River extension of the C. & O. R. R., about fifty-five miles above St. Albans, operating the No. 2 gas seam, 6 feet thick. Ventilation is produced by a five-foot fan in No. 1 and by a six foot fan in No. 2 and is good. Drainage is good in both mines. Roof in each good, except draw slate; timbering good.

The coal is mined with electric machinery and hauled by motor.

MARTIN LONG, *Supt.* WM. NICHOLAS, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

LOGAN.

No. 646. *Beechwood Mine—Drift.* Located on Main Island Creek two miles above Logan, operating the Island Creek Seam, the thickness of which is about six feet at this point.

The ventilation in this mine is secured by a seven foot fan and is good. Drainage and roof good and no props are used in the rooms.

The coal is mined with electricity and pick miners and hauled by motors and mules.

The capacity of this mine combined with the Monitor No. 1 mine is about 1500 tons per day.

THOMAS F. DOWNING, *Supt.* HARRY BARRETT, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

LOGAN.

No. 646-a. *Monitor No. 1—Drift.* Located about two miles from Logan on Main Island Creek and operates the Island Creek Seam, which is six feet thick. The ventilation is produced by a twelve foot fan and is good. Drainage is good. Roof good; props are not used.

The coal is mined by pick miners and electrical machinery and hauled by mules and motors.

The capacity of this mine combined with that of Beechwood is 1500 tons per day.

THOMAS F. DOWNING, *Supt.* HARRY BARRETT, *Mine Foreman.*

MONITOR COAL & COKE COMPANY.

LOGAN.

No. 646-b. *Monitor No. 3—Drift.* Located on Main Island Creek about a mile above Logan, operating the Island Creek Seam which has a thickness of six feet. The rooms in this mine are driven 26 to 32 feet wide and from 250 to 300 feet up and no props are used. The ventilation is produced by a seven foot fan and is good. Drainage is good. Doors and stoppings are good. Roof is good.

The coal is cut with electricity and hauled by motors.

The mine's capacity is about 800 tons per day.

THOMAS F. DOWNING, *Supt.* HARRY BARRETT, *Mine Foreman.*

THE OPPERMAN COAL COMPANY.

BLAIR.

No. 647. *Opperman—Drift.* Operating the No, 2 Gas seam which has a thickness of about six to seven feet; it is located at Blair. The ventilation is good, produced by a six foot fan. Drainage is good. Roof has a very bad draw slate.

The coal is mined by electric machinery and hauled by mules. The mine's capacity is about 300 tons per day.

W. B. PARKS, *Mine Foreman.*

PARAGON COLLIERY COMPANY.

YOLYN.

No. 648. *Paragon No. 2—Drift.* Operating the Winifrede Seam which is about five feet six inches thick at this point. Ventilation is produced by a five foot fan and is good. Drainage is good. Roof good except draw slate in a few places.

The coal is mined by electricity and hauled by mules, and a motor.

The mine's capacity is about 500 tons per day.

E. C. JAMES, *Supt.* J. A. MCCALLISTER, *Mine Foreman.*

REX COAL COMPANY.

ETHEL.

No. 649. *Rex—Drift.* Located on Dingess Run five miles above Logan, operating the Winifrede Seam, the thickness of which is from four feet eight inches to five feet. Ventilation, produced by a 7½ foot fan, is good. Drainage, doors and stoppings, fair. Roof is only fair, bad in places.

Coal is undercut by machinery and hauled by motors and mules.

Capacity is about 700 tons per day.

W. M. GUY, *Mine Foreman.*

RICH CREEK COAL COMPANY.

MANBAR.

No. 650. *Wilburn—Drift.* Located at Hutchinson on the Guyan Valley branch of the C. & O. R. R., operating the Eagle Seam, with a thickness of about 5 feet, 3 in. Ventilation is good, produced by a four foot fan. Roof good except draw slate in a few places. Doors and stoppings good. Electrical wiring in fair condition.

Coal mined by electricity and hauled by motors. Capacity is about 300 tons per day.

B. L. HUTCHINSON, *Supt.* M. ALBERTAZZI, *Mine Foreman.*

SHAMROCK COAL COMPANY.

LOGAN.

No. 651. *Litz—Drift.* Operating the Island Creek Seam, 6 feet, 2 in. thick, located on Island Creek about two miles above Logan. The ventilation is produced by a 6 foot fan and is very good. The roof is sandstone and is good. The drainage is good and the mine moist. The rooms are driven from 26 to 32 feet wide and 250 to 300 feet deep. Very little, if any, timber used.

The coal is undercut by electrical machinery and hauled by mules and motors.

The mine's capacity is about 700 tons per day.

J. B. AGEE, *Supt.* WILLIAM T. SPICER, *Mine Foreman.*

SOVEREIGN COAL COMPANY.

SOVEREIGN.

No. 652. *Sovereign—Drift.* Operating the No. 2 Gas Seam which has a thickness of eight feet at this point, located on the Coal River branch of the C. & O. The ventilation is good, produced by a six foot fan. Drainage good. This mine has a very bad draw slate which is usually taken down or well timbered.

The coal is mined by electricity and hauled by mules. The mine's capacity is about 250 tons per day.

J. C. FINNIMORE, *Supt.* J. H. VERGIN, *Mine Foreman.*

SPRUCE BEND COAL COMPANY.

SHARPLES.

No. 653. *Sharples—Drift*—Located on the Spruce Fork of Coal River and the Coal River branch of the C. & O. R. R., operating the No. 2 Gas Seam, 5 feet thick. Room and pillar system; triple entries.

Ventilation, produced by 5 foot fan, is good. Drainage good. The roof which consists of treacherous draw slate is bad. Timbering good.

Coal is cut with electric machines and hauled with mules and motors.

Mine's capacity is about 400 tons per day.

SAMUEL BUTLER, *Supt.* CHAS. E. COLEMAN, *Mine Foreman.*

SPRUCE VALLEY COAL COMPANY.

BLAIR.

No. 654. *Spruce Valley—Drift.* Operating the No. 2 Gas Seam which has a thickness at this point of about six to seven feet and is located at Blair. The ventilation by fan is good. Drainage good.

The roof of this mine is good with the exception of draw slate and they are leaving up about a foot of the coal to secure this top.

The coal is mined by electricity and hauled by motors.

JOHN WILLS, *Supt.* W. H. MEACE, *Mine Foreman.*

STONE BRANCH COAL COMPANY.

STONE BRANCH.

No. 655. *Stone Branch—Drift.* Located at Stone Branch on the Guyan branch of the C. & O. R. R., operating the Stone Branch Seam with a thickness of four feet, six in. The ventilation in this mine is produced by an eight foot fan and is fair only. Drainage good. Parts of the mine are dry and must be kept moist by artificial means. Roof good. Doors and stoppings only fair. The wiring was not protected in many places as it should be.

The coal is cut by electricity and pick miners and hauled by motors and mules. The capacity of this mine is about 600 tons per day.

WALTER CUTHBERTON, *Mine Foreman.*

H. B. SUMMERS COAL COMPANY.

ACCOVILLE.

No. 656. *Summers—Drift.* Operating the Eagle Seam which is seven feet thick, located at Lax on Buffalo creek. The ventilation is by a four foot fan and is good. Drainage, roof and timbering good. Doors and stoppings fairly good.

The coal is mined by electricity and hauled by mules.

Capacity about 300 tons per day.

H. B. SUMMERS, *Supt.* JAMES CARMICHAEL, *Mine Foreman.*

SUNBEAM COAL COMPANY.

FORT BRANCH.

No. 657. *Sunbeam—Drift.* Located on Dingess Run about five miles from Logan and is on the Guyan branch of the C. & O. R. R., operating the Winifrede Seam which is about four feet six inches thick. The ventilation is fair, produced by a six foot fan. The roof is good. Drainage good. Coal mined by electricity and hauled by motors. Capacity about 300 tons per day.

F. E. KING, *Supt.* SAMUEL ROEBUCK, *Mine Foreman.*

D. C. THOMAS COAL COMPANY.

BLAIR.

No. 658. *Grace—Drift.* Operating the No. 2 gas seam, which has a thickness of about six feet and is located at Blair. The ventilation is produced by a six foot fan and is good and there are two separate splits in the current. This mine has a bad draw slate which has to be taken down or well timbered. Drainage good.

The mining is done by electricity and the hauling by mules.

The mine's capacity is about 300 tons per day.

R. G. CLAYTON, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN,

No. 659. *Island Creek No. 1—Drift.* Located at Holden, operating the No. 2 Gas Seam, which is about six and one-half feet thick, with a good sandstone roof; as is found in all the Main Island Creek and Island Creek operations, the rooms are driven from 26 to 32 feet wide and are driven up 250 to 300 feet and, in many places, no timber used.

The developemnts are on the four entry system, and the ventilation, produced by a 13½ by 7 feet fan, is well distributed through six separate splits in thns mine. This ventilation was good except in a few places. Doors and stoppings in good condition. Drainage good, and every care is taken to keep the mine in a thoroughly good condition. The coal is undercut with electric machines and hauled by electric motors and mules. This Company has a system throughout all its mines, of drawing pillars, which is working very satisfactorily and enables them to take out a great percentage of the coal.

The second opening meets lawful requirements and the Law in every respect is being complied with in this mine.

The mine has a capacity of about 2800 tons per day.

A. R. BEISEL, *Gen. Manager.* H. PRICHARD, *Mine Foreman.*
J. W. SNYDER, *Supt.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 660. *No. 2—Drift.* Operating the Island Creek or No. 2 Gas seam of coal with a thickness of six feet six inches, located at Holden on Island Creek.

The ventilation is produced by a thirteen foot fan and is good. Drainage good. The rooms have an excellent sandstone roof and no props are required.

The coal is undercut with electric chain machines and pick miners and is hauled by motors and mules. The capacity of this mine is about 2500 tons per day.

J. W. SNYDER, *Supt.* DAVID GLAZIER, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 661. *No. 3—Drift.* Operating the Island Creek or No. 2 gas seam, 6 feet 6 inches thick, located on Whitman creek, a branch of Island Creek. The ventilation is produced by a ten foot fan and is good. Drainage good. Roof is of good sandstone and requires very little propping.

The coal is cut by electricity and hauled by motors.

The capacity of this mine is about 1500 tons per day.

E. L. BREWER, *Supt.* JAS. HASLAM, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 662. *No. 4—Drift.* Located on Whitman creek, a branch of Island Creek operating the Island Creek or No. 2 Gas Seam of coal which at this point has a six feet 6 in. thickness. The ventilation is by a ten foot fan and is good. Drainage is good and the mine has an excellent sandstone roof, requiring very little propping.

The coal is undercut with electric chain machines and hauled by motor.

The capacity of this mine is 1500 tons per day.

E. L. BREWER, *Supt.* A. L. DAVIDSON, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 663. *Nos. 5 & 6—Drifts.* Located on the Island Creek extension of the Guyan Valley branch of the C. & O. R. R., operating the Island Creek or No 2 Gas Seam which is six feet 6 in. thick at this point. Ventilation is produced by a ten foot fan and is good. Excellent sandstone roof; very little, if any, propping used. Doors and stoppings good.

Coal is mined by electricity and hauled by motors.

Mine's capacity is about 1000 tons per day.

A. T. WOODS, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 664. *No. 7—Slope.* Located at Holden, operating the Island Creek or No. 2 gas seam, which has a thickness of about 6 feet, 6 inches. The rooms are driven from 26 to 32 feet wide and up to 250 & 300 feet deep; no timber is used. The mine has a good sandstone roof, and is developed on the four entry system. Ventilation is produced by a twelve foot fan and is good. Drainage is good. Doors and stoppings good.

Coal is hauled by a conveyor to a steel tipple with a capacity of 3000 tons per day. This mine is well equipped and, from the method of work adopted, it is intended that it shall be one of the largest producers in the state.

Electric machines are used for undercutting and the coal is hauled by motors.

W. S. PARSONS, *Supt.* JAMES CHAMBERS, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 665. *No. 8—Drift.* Operating the Island Creek or No. 2 gas seam, which has a thickness of about six feet six inches, with the usual good roof found in the Island Creek mines and is located at Holden, on Island creek. The developments are on the four entry system and the coal is handled over a steel tipple, with a capacity of about 3,000 tons per day. This mine is capable of being one of the largest producers in the state. It is well ventilated by a twelve foot fan and drainage is also good. The coal is cut and handled by electrical machinery. The capacity of this mine is about 1,600 tons per day. Very little, if any, timbering is required in this mine and the rooms are driven from 26 to 32 feet wide and from 250 to 300 feet deep.

W. S. PARSONS, *Superintendent.* J. H. CURRY, *Mine Foreman.*

UNITED STATES COAL & OIL COMPANY.

HOLDEN.

No. 666. *Nos. 9 & 10—Drifts.* Located at Holden, and operating the Draper and Island Creek or No. 2 gas seams, which have a thickness of about four to six and one-half feet. The ventilation is produced by a four foot fan and is fairly good. Very little, if any, timber is used, and the rooms are driven from 26 to 32 feet wide and from 250 to 300 feet deep. Drainage and roof good. The coal is cut and hauled with electrical machinery and the capacity is about 900 tons per day.

GEORGE THOMPSON, *Mine Foreman.*

VIRGINIA-BUFFALO COAL COMPANY.

ACCOVILLE.

No. 667. *Virginia-Buffalo—Drift.* Operating the Eagle seam, five feet six inches thick, located on Buffalo creek. The ventilation is produced by a six foot fan and is good. The roof and timbering are good. Drainage good. The coal is undercut with electric machines and hauled by mules. Mine's capacity is about 350 tons per day.

J. N. SCHWEITZER, *Superintendent.* **R. V. WALDRON,** *Mine Foreman.*

H. T. WILSON COAL COMPANY.

LOGAN.

No. 668. *Wilson—Drift.* Operating the Draper seam, which has a thickness of four and one-half feet, located at Logan. Good roof and drainage. Ventilation is only fair and produced by a 10 foot fan. Doors and stoppings in good condition. No explosive gas is liberated. Mine is generally dry throughout and has to be dampened by artificial means throughout the winter. The electric wiring found not as good as it should be; have requested that, at crossings where men pass under wires, they be let in the roof or protected so that men may not come in contact with them; other wires should be put up and out of the way as far as possible. The coal is undercut with electrical machinery and hauled by motors and mules. The mine's capacity is about 700 tons per day.

THOS. WILSON, *Superintendent.* A. F. MITCHELL, *Mine Foreman.*

THE YUMA COAL & COKE COMPANY.

LOGAN.

No. 669. *Yuma—Drift.* Operating the Island Creek seam, with a thickness of six feet six inches, located on Main Island creek, about two miles above Logan. Ventilation by a seven foot fan is good. Roof and drainage good. The coal is mined by electricity and hauled by motors. The capacity of this mine is 900 tons per day.
THOS. F. DOWNING, *Superintendent.* W. L. STEPHENS, *Mine Foreman.*

RALEIGH.

CLEAR FORK COAL COMPANY.

JARROLDS VALLEY.

No. 670. *Leevale.* Located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R. and Coal river, drift, operating the Dorothy seam, which is five feet six inches thick. Room and pillar system, double entries. Ventilation is good, produced by a six foot fan. Roof good, with the exception of a few places. Drainage good. Coal undercut with electric chain machines and hauled with electric motors. Mine's capacity is about 450 tons per day.
J. W. BRANHAM, *Superintendent.* WM. COINER, *Mine Foreman.*

FOUR STATES COAL & COKE COMPANY.

DOROTHY.

No. 671. *Dorothy—Drift.* Reached by a 3,000 foot incline, located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R. and Coal river, operates the Dorothy seam, which is eleven feet, six inches thick. The ventilation is good, produced by a ten foot fan, conducted by stone and concrete stoppings and overcasts. Roof and drainage good. Coal undercut by electric chain machines and hauled by motors. Mine's capacity is 1,600 tons per day.
C. E. SANDBERG, *Superintendent.* ROBT. LONGSTAFF, *Mine Foreman.*
C. E. FOSTER, *Mine Foreman.*

FOUR STATES COAL & COKE COMPANY.

DOROTHY.

No. 672. *Sarita—Drift.* Reached by a 2,800 foot incline, located on the Coal River extension of the Cabin Creek branch of the C. & O. R. R. and Coal river, operating the Dorothy seam, which is eleven feet, six inches thick. Room and pillar system with double entries. The ventilation is good, produced by a ten foot fan. Roof good, drainage good. The coal is undercut by electric chain machines and hauled by electric motors. Mine's capacity is about 1,400 tons per day.
C. E. SANDBERG, *Superintendent.* ED. HOPE, *Mine Foreman.*
A. D. HEMMINGS, *Mine Foreman.*

MARSH FORK SPLINT & GAS COAL COMPANY.

JARROLD'S VALLEY.

No. 673. *Marsh Fork—Drift.* Operating the Coalburg seam, the thickness of which is five feet six inches, located at Marsh Fork, a branch of Coal river, on the Coal River branch of the C. & O. R. R. Ventilation, produced by fan, I found upon my first visit to be only fair. On later visit, I found it to be improved. Roof good, except draw slate. Drainage good. Coal cut with electric chain machines and hauled with electric motors. Mine's capacity is about 400 tons per day.

W. H. PETTUS, *Superintendent.* JOHN RUTHERFORD. *Mine Foreman.*

SEVENTH DISTRICT

GENERAL SUMMARY FOR THE SEVENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Fayette (part) .	9	3	94	301	36	185	616	114	..	114	730	548,030	......
Kanawha (part)	73	11	617	1,897	437	1,170	4,121	697	..	697	4,818	3,362,048	......
Totals	82	14	711	2,198	473	1,355	4,737	811	..	811	5,548	3,910,078	......

OFFICE OF SEVENTH DISTRICT MINE INSPECTOR.

HON. EARL A. HENRY,
Chief Department of Mines,
Charleston.

DEAR SIR:—I respectfully beg to submit to you my Annual Report, as Inspector for the Seventh Mining District, for the year ending June 30th, 1914, comprising part of Fayette and Kanawha counties.

I made 88 inspections and one special visit, also assisted at the Eccles explosion and attended the Inspectors Institute at Pittsburgh, Pa.

The Seventh District is composed of 82 mines, situated in Fayette and Kanawha counties; I am glad to state that the mines as a whole are in very fair condition in regards to ventilation, drainage and general safety, except, in some mines where the roof conditions are not very good, a tendency is shown to some extent both by the miners and operators to neglect the proper timbering of same.

There are some dry and dusty mines in this district, and I have impressed on the maangement the importance of keeping the mines damp and up to the required standard of humidity at all times.

I am also glad to report to you that I have found no evidence of a disposition on the part of miners or operators to trifle with the requirements of the State mining laws.

I sincerely beg to thank you for the able counsel and advice received by me from you at all times in regard to the duties and safety of the mines in this district, which has greatly helped me in the discharge of my duties as Inspector.

I also beg to thank the officials and miners of all mines for their hearty co-operation in helping me to carry out the duties connected with this office. I am,

Very Respectfully Yours,

ELI J. MASON.

NEW MINES OPENING UP IN THE SEVENTH DISTRICT.

Nos. 3, 4 and 5 Mines, at Kingston, Fayette county. Solvay Collieries Company, on the Paint Creek branch of the C. & O. R. R.

Lewiston Block Mine, located at Lewiston, on the main line of the C. & O. R. R. Lewiston Block Coal Company; W. S. Holmes, General Manager.

Spencer Mine, located at Winifrede Junction, on the main line of the C. & O. R. R. Spencer Carter Coal Company, Winifrede.

Westerly Mine, located at Westerly, on the Paint Creek branch of the C. & O. R. R. Solvay Collieries Company, Westerly.

ABANDONED MINES.

No. 2 Gas Seam, Handley. (Chesapeake Mining Company, Handley.

Hickory Camp Mine, Mahan, Paint Creek Collieries Company.

IDLE DURING THE YEAR.

Red Warrior Mine. Cabin Creek Consolidated Coal Company.

Grose No. 1 Mine. Paint Creek Collieries Company.

Wilton Mine. Persinger Coal Company.

Republic No. 4. Carbon Coal Company.

West Virginia No. 2. West Virginia Colliery Company.

FAYETTE.

CHRISTIAN COLLIERY COMPANY.

MAHAN.

No. 701. *Eagle—Drift.* Operating the Eagle seam, and located at Mahan, on the Paint Creek branch of the C. & O. R. R., thickness from five to six feet. Ventilation is produced by a ten foot fan, which gives good results. The roof is fairly good. Drainage is good. Coal is undercut by electric machines, and hauled by electric motor to drum, then run over an incline to tipple. Coal from this mine is dumped over the same tipple as the Powellton mine. Laws are fully complied with.

H. A. HEREFORD, *Superintendent.* GEO. WALL, *Mine Foreman.*

CHRISTIAN COLLIERY COMPANY.

MAHAN.

No. 702. *Powellton—Drift.* Located at Mahan, on the Paint Creek branch of the C. & O. R. R., operating in the Powellton seam, which is four feet in thickness and of a very hard nature and clean. Ventilation

is produced by three two and one-half foot fans, which give only fair results. Drainage good. Roof fairly good. Coal is undercut by electric machines and hauled by two (five ton) Jeffrey motors to the No. 1 Eagle headhouse and then run over the Eagle mine incline to tipple. Laws are fully complied with.
H. A. HEREFORD, *Superintendent.* GEO. WALL, *Mine Foreman.*

EUREKA COAL COMPANY.

DONWOOD.

No. 703. *Eureka—Drift.* Operating in the No. 5 splint seam of coal, located one-half mile above Donwood, on the Morris Creek branch of the C. & O. Railway; it has an incline 1,800 feet in length, is a pillar propoosition, has natural ventilation, which gives fairly good results on account of having many openings. Coal averages six to seven feet in thickness and is hauled by mules and (one) electric motor to head of incline. About 20 miners are employed at this mine, which has an average output of 150 tons daily.
C. D. HOPKINS, *Pres. & Mgr.*
J. R. FRASER, *Superintendent.* JAS. FRASER, *Mine Foreman.*

MECCA COLLIERY COMPANY.

MONTGOMERY.

No. 704. *Mecca Gas—Drift.* Located at Donwood, on the Morris Creek branch of the C. & O. Railroad, two and one-half miles from Montgomery, operating in the No. 2 gas seam, average four feet eight inches in thickness. Ventilation is produced by a ten foot electric fan and gives fairly good results, with the exception that some black damp, at times, is encountered from the old workings. Roof is good. Drainage is also good. Coal is undercut by electric chain machines, haulage done by mules and electric motors. Coal is tipple height. Mining laws are generally complied with. This mine has been idle several months.
H. T. SMARR, *Gen. Mgr.*
J. R. GARD, *Superintendent.* J. J. COX, *Mine Foreman.*

MECCA COLLIERY COMPANY.

MONTGOMERY.

No. 705. *Mecca Splint—Drift.* On the Morris Creek branch of the C. & O. Railroad and located at Donwood, two and one-half miles from Montgomery, operating in the No. 5 splint seam, with an average thickness five feet six inches. Coal is undercut by electric chain machines and by pick. Roof is bad and requires careful timbering; drainage has not been very good in the past, but is now being improved. Ventilation is produced by a seven foot electric fan and gives very fair results with closed stoppings, which need repairing. This mine has been idle several months.
H. T. SMARR, *Gen. Mgr.*
J. R. GARD, *Superintendent.* J. W. FRAZIER, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

MAHAN.

No. 706. *Hickory Camp.* Working the Powellton and Eagle seams, which are three feet six inchs and four feet thick. Ventilation is produced by a fan eight feet in diameter. Employ 18 men inside.

J. FRANK HALE, *Superintendent.* W. A. STULL, *Mine Foreman.*

SOLVAY COLLIERIES COMPANY.

KINGSTON.

No. 707. *Kingston No. 1—Drifts.* Located at Kingston, on the Milburn branch of the C. & O. R R., 22 miles from the junction, operating the Eagle seam, which varies in thickness from five to six feet. Developments are on the panel system with double entries. Coal is undercut by both pick and electric machines and hauled by four ton motors and one gasoline motor to partings, then by 12 ton General Electric motors to outside. Ventilation is produced at these mines by five and six foot fans and is only fair. These mines, in general, with a few exceptions, are in fairly good condition. Mining laws are in general complied with. This mine at present produces 1,500 tons daily.

J. A. RAWN, *Gen. Mgr.*
H. S. MC. KALIP, *Superintendent.* C. R. TURNER, *Mine Foreman.*

SOLVAY COLLIERIES COMPANY.

WESTERLY.

No. 708. *Westerly—Drift.* Located on the Paint Creek branch of the C. & O. R. R., about 20 miles from the junction, operating in the Eagle seam, which averages six to seven feet in thickness. The coal is undercut by electric machines and hauled by electric motors to outside. Ventilation is produced by a five foot fan, which gives fair results. Roof is not good and requires careful timbering to keep it safe. Drainage fair. This company is also operating the Powellton seam, which runs from five to seven feet in thickness; have not put a fan in yet, as they are only working a few loaders. Coal is hauled by motor to the head-house of the Eagle mine, then run over the same incline to tipple.

J. C. RAWN, *Gen. Mgr.*
C. A. WARDEN. *Superintendent.* W. B. JUDSON, *Mine Foreman.*

KANAWHA.

BELMONT COAL COMPANY.

CROWN HILL.

No. 709. *Belmont—Drift.* Located at Crown Hill, on the main line of the C. & O. Railroad, operating the Coalburg seam, which is five feet six inches thick, with the roof only fair, and which requires careful timbering to keep it safe. Drainage was only fair at the last inspection. Ventilation is produced by a seven foot fan, which gives very fair results. Coal is undercut by electric chain machines and hauled by mules to parting and by electric motor to drum-house, then it is run over an incline to tipple. Mining laws are generally complied with.

F. D. BARRON, *Superintendent.* W. L. HARLESS, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

General Office, Kayford.

No. 710. *Acme—Drift.* Located at Acme, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which averages five feet one inch thick. Developments on the room and pillar system with double entries. Ventilation is produced by a five foot Thayer fan, which gives very good results. The roof is generally good after a draw slate comes down with the coal. Drainage is good. Fine coal dust accumulates along the haulage road, which makes it necessary to be loaded out and sprinkled at intervals. Coal is undercut by electric machines and hauled by mules and electric motors to outside. Mining laws are reasonably complied with.

JOSIAH KEELY, *Gen. Mgr.*
W. A. OTEY, *Superintendent.* E. H. OLINGER, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

DACOTA.

No. 711. *Belleclare—Drift.* Located at Dacota, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which runs from four and one-half to five feet in thickness. Developments on the room and pillar system with double entries. Coal is mined by hand and electric machines, and hauled by mules and electric motor to outside. Ventilation is produced by an eight foot Thayer fan, which gives good results. Drainage is good. The roof is good, except a small section in No. 2 drift. This mine is capable of producing 400 tons daily. Mining laws complied with.

JOSIAH KEELY, *Gen. Mgr.*
HARRY H. DAVIS, *Superintendent.* H. O. YOUNG, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 712. *Black Tulip—Drift.* Located at Acme, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is five feet three inches in thickness. Developments are on the room and pillar system with double entries. Coal is undercut by electric machines and hauled by mules and electric motors to outside. Ventilation is produced by a five foot Thayer fan and is good. Drainage is good. The roof conditions are not good and require careful timbering to keep it safe. The Southside haulways are dry and dusty, which necessitates frequent watering to keep thm damp. This mine is capable of producing 350 tons daily.

JOSIAH KEELY, *Gen. Mgr.*
W. A. OTEY, *Superintendent.* J. N. EADS, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 713. *Buckeye—Drift.* Located at Acme, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is five feet one inch in thickness. Coal is undercut by electric machines and hauled by mules and electric motors to outside. Developments are on the room and pillar system with double entries. Ventilation is produced by an eight foot Thayer fan, which gives good results. The roof is not good and it requires careful timbering to keep it safe. Drainage is good. Stoppings are good. This mine is capable of producing 400 tons daily. Mining laws are complied with.

JOSIAH KEELY, *Gen. Mgr.*
W. A. OTEY, *Superintendent.* F. W. SHORT, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WARRIOR.

No. 714. *Caledonia—Drift.* Located at Warrior, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which runs from three and one-half to four feet two inches in thickness. Developments on the room and pillar system with double entries. Coal is undercut by electric machines and hauled by mules and electric motor to outside. Ventilation is produced by an eight foot Thayer fan, which gives good results. A very dangerous draw slate overlies this coal and it requires careful timbering or taking down to make it safe. Drainage is good. Timbering good in general. This mine is capable of producing 150 tons daily. Mining laws are generally well observed.

JOSIAH KEELY, *Gen. Mgr.*
J. E. GRIFFITH, *Superintendent.* R. L. CAVINESS, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 715. *Cherokee—Drift.* Located at Leewood, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which runs from four and one-half to five feet in thickness. Developments are on the room and pillar system with double entries. Coal is mined both by pick and electric machines and hauled by mules and electric motor to outside. Ventilation is produced by a six foot Thayer fan, which gives only fair results. In some parts of the mine, the roof is not very good. Drainage is good, except on some of the haulways. Timbering is generally good in this mine. The mine is capable of producing 400 tons daily. Mining laws are reasonably well observed.

JOSIAH KEELY, *Gen. Mgr.*
J. E. GRIFFITH, *Superintendent.* GEO. EARY, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

OHLEY.

No. 716. *Davis.—Drift.* Located at Ohley, on the Cabin Creek branch of the C. & O. R. R., operating in the Lewiston seam, which runs from four to five feet in thickness. Developments are on the room and pillar system with double entries. Coal is mined by pick, also electric machines, and hauled by mules and electric motors to outside. Ventilation is produced by an eight foot Thayer fan, which gives good results. Drainage is good. The roof in general is not good and requires careful timbering to keep it safe. Mining laws are complied with.

JOSIAH KEELY, *Gen. Mgr.*
D. W. PARKER, *Superintendent.* D. W. PARKER, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

ACME.

No. 717. *Empire—Drift.* Located at Acme, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is four feet four inches in thickness. Developments are on the room and pillar system with double entries. Coal is undercut by electric machines anl hauled by mules and electric motor to outside. Ventilation is produced by an eight foot Crawford and McCrimmon fan, which gives good results. Stoppings are good. Drainage good. The roof conditions are not good and it requires careful timbering to keep them safe. Along the haulways, it is dry and dusty, necessitating frequent watering to allay the dust. This mine is capable of producing 400 tons daily. Mining laws are well observed.

JOSIAH KEELY, *Gen. Mgr.*
W. A. OTEY, *Superintendent.* H. SMOOT, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 718. *Holly—Drift.* Located at Leewood, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which runs from four and one-half to five feet in thickness. Developments are on the room and pillar system with double entries. Coal is undercut by compressed air-punching machines and by hand with pick, and hauled by mules and rope-haulage to outside. Ventilation is produced by an eight foot Thayer fan, which does not give very good results on account of the stoppings being in bad repair. In some parts of the mine, a very dangerous draw slate overlies the coal, which requires careful timbering to keep it safe. Drainage is good, except in some of the pillar workings. Some dust on haulage roads, but kept well watered.

Josiah Keely, *Gen. Mgr.*
J. E. Griffith, *Superintendent.* Jerry Utt, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

Kayford.

No. 719. *Kayford No. 1—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, on the room and pillar system with double entries. Coal is undercut by pick and electric machines and hauled by mules and electric motors to tipple. Coal five feet seven inches in thickness. Ventilation is produced by a ten foot Thayer fan, and conducted by concrete overcasts and stoppings, which give very good results. Small feeders of gas are sometimes found, but the ventilation is such as to render it harmless. Drainage is good. In some parts of the mine, it is very dry and dusty, necessitating watering to allay the dust. This mine produces 400 tons daily. Mining laws are very well observed.

Josiah Keely, *Gen. Mgr.*
H. L. Fisher, ***Superintendent.*** **J. W. Hurt,** ***Mine Foreman.***

CABIN CREEK CONSOLIDATED COAL COMPANY.

Kayford.

No. 719-a. *Kayford No. 2—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating the No. 2 gas seam, which is five and one-half feet in thickness, on the room and pillar system with double entries. Coal is undercut with electric machines and hauled by mules to partings, then hauled by electric motor through No. 1 mine and dumped over the No. 1 tipple. Ventilation is produced by a ten foot Thayer fan, which gives good results. The roof, in some parts of the mine, is not good and requires careful timbering to keep it safe. Drainage is good. This mine at present produces 150 tons daily. Mining laws are reasonably well complied with.

Josiah Keely, *Gen. Mgr.*
H. Fisher, *Superintendent.* **Frank Seasor,** *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

Acme.

No. 720. *Keystone—Drift.* Located at Acme, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is four and one-half to five feet in thickness. Coal is mined by pick and hauled by mules and electric motor to outside. Ventilation is produced by a ten foot Crawford & McCrimmon fan, which gives good results. Drainage is good. In some parts of the mine the roof is not very good. Developments are on the room and pillar system with double entries. This is one of the oldest mines in this field; along the haulways, are deposits of fine dust, which has been accumulating for a considerable time and requires careful attention to keep it moist. This mine has been idle nearly two years, but started up May 6th, 1914. Mining laws are generally well observed.

JOSIAH KEELY, *Gen. Mgr.*
W. A. OTEY, *Superintendent.* CHAP. CASH, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

LEEWOOD.

No. 721. *Quarrier—Drift.* Located at Leewood, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam. Developments are on the room and pillar system with double entries. Coal is four to five feet in thickness, mined by hand and compressed air-punching machines and hauled by mules and rope-haulage to outside. Ventilation, which is produced by an eight foot Thayer fan, in some parts of the mine is very poor on account of bad stoppings. The roof is not very good and it requires careful timbering to keep it safe. Some sections of the mine are dry and dusty, and require frequent watering to keep them damp. This mine is capable of producing 500 tons daily. Mining laws are reasonably complied with.

JOSIAH KEELY, *Gen. Mgr.*
J. E. GRIFFITH, *Superintendent.* **H. E. DANIELS,** *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 722. *Raccoon No. 1—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is five feet four inches in thickness. Developments on the room and pillar system with double and triple entries. Coal is undercut by electric machines and hauled by mules and electric motors to outside. Ventilation is produced by a ten foot Thayer fan and is fairly good. Stoppings are in bad order. On one side of the mine the roof is not good and requires careful timbering to keep it safe. Small gas feeders have been found at times exuding from the floor, but the ventilation has generally been sufficient to render them harmless. Drainage generally good. Mining laws are reasonably well observed.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER, *Superintendent.* JAS. A. COLE, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 723. *Raccoon No. 2 East—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating the Coalburg seam, which is six feet one inch in thickness. Developments are on the room and pillar system with double entries. Coal is undercut with electric machines and hauled by mules and electric motor to drum, then run over an incline to the twin tipple. Ventilation is produced by a ten and a four foot fans, which give very good results. Drainage is good. In some parts of the mine the roof is not good, which requires careful timbering to keep it safe. This mine is capable of producing 400 tons daily. Mining laws are generally well observed.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER. *Superintendent.* E. A. CARR. *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 724. *Raccoon No. 2 West—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which is six feet two inches in thickness, developments are the room and pillar system with double and triple entries. Coal is undercut by pick and electric machines, and hauled by mules and electric motor to drum. then run over an incline to tipple. Ventilation is produced by a six foot fan, which gives good results. Drainage is good. In some parts of the mine the roof is not good and requires careful timbering to keep it safe. This mine produces 350 tons daily. Laws are reasonably well complied with. The coal from this mine runs over a twin tipple, which spans the hollow and over which the Raccoon East mine's coal is dumped.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER. *Superintendent.* C. S. WHITE. *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WARRIOR.

No. 725. *Red Warrior.* Located on the Cabin Creek branch of the C. & O. Railway. Drift, operating the No. 2 gas seam, four feet four inches thick. Room and pillar system; double entries. Ventilated by a fan. Coal is mined by electric machines.

J. E. GRIFFITH, *Supt.* R. L. CAVINESS. *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 726. *Rose—Drift.* Located on the Cabin Creek branch of the C. & O. R. R., operating the Coalburg seam, which runs from five feet to six feet in thickness, is one mile from Kayford. Coal is undercut by electric machines and hauled by mules and electric motors to the outside. Ventilation is produced by a six foot Stine fan, which only gives fair results, on account of bad stoppings. The roof is not good and requires careful timbering to keep it safe. Drainage is good. This mine produces 400 tons daily. Mining laws are reasonably well complied with, except as to stoppings.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER, *Superintendent.* J. A. BRAGG, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

DACOTA.

No. 727. *Ruby—Drift.* Located at Dacota, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which runs from four to five feet in thickness. Developments are on the room and pillar system with double entries. Coal is undercut by electric machines and hauled by mules and electric motor to drum, then by incline to tipple. Ventilation is produced by a four foot Stine fan, which only gives moderate results. The roof is not good, a dangerous draw slate overlies the coal and it has to be carefully timbered or taken down to render it safe. Drainage is good. This mine is capable of producing 250 tons daily. Mining laws in general are observed.

JOSIAH KEELY, *Gen. Mgr.*
H. H. DAVIS, *Superintendent.* A. B. LEE, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 728. *Shamrock—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is five feet four inches in thickness. Developments are room and pillar system with double and triple entries. Coal is undercut both by pick and electric machines and hauled by mules and electric motor to outside. Ventilation is produced by an eight foot Stine fan and conducted by concrete overcasts and stoppings through the mine and gives good results. Drainage is good. The roof is generally good, except in a small part of the North and Fourth South entries. Mining laws are in general observed.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER, *Superintendent.* J. A. RICHARDS, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

KAYFORD.

No. 729. *Thistle—Drift.* Located at Kayford, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which is five feet four inches in thickness. Developments are room and pillar with double and triple entry system. Coal is undercut both by pick and electric machines and hauled by mules to outside to tipple. Ventilation is produced by a ten foot Thayer fan, which gives good results. Drainage is good. A heavy draw slate lies next to the coal and has to be taken down, which leaves a very good roof. Concrete overcasts and stoppings are used in this mine. Mining laws are in general complied with.

JOSIAH KEELY, *Gen. Mgr.*
H. L. FISHER, *Superintendent.* P. L. ROSE, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WEVACO.

No. 730. *United Gas—Drift.* Located at Wevaco, on the Cabin Creek branch of the C. & O. R. R., operating the No. 2 gas seam, which is four feet nine inches in thickness. Developments are on the room and pillar system with double and triple entries. Coal is mined by hand and hauled by mules and electric motors to outside. Ventilation is produced by an eight foot Stine fan and is only fair, caused by some bad stoppings. Drainage is good. The roof is not good and requires very careful timbering to keep it safe. The mine is dry, which necessitates frequent watering to allay the dust. This mine is capable of producing 800 tons daily. Mining laws are reasonably complied with.

JOSIAH KEELY, *Gen. Mgr.*
J. E. STATON, *Superintendent.* J. E. LE SUEUR, *Mine Foreman.*

CABIN CREEK CONSOLIDATED COAL COMPANY.

WEVACO.

No. 731. *United Splint—Drift.* Located at Wevaco, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which is five feet eight inches in thickness. Developments are on the room and pillar system with double entries. Coal is undercut with electric machines and hauled by mules and electric motor to drum, then run over an incline to tipple. Ventilation is produced by an eight foot Thayer fan and is only fair, caused by some bad stoppings and doors. The roof is not very good and requires careful timbering; in some parts of the mine a heavy draw slate overlies the coal and is mostly taken down to make it safe. Drainage is good. This mine is capable of producing 400 tons daily. Mining laws are reasonably complied with.

JOSIAH KEELY, *Gen. Mgr.*
J. E. STATON, *Superintendent.* C. A. HUGHES, *Mine Foreman.*

CARBON COAL COMPANY.

NABOB.

No. 732. *Low Sulphur—Drift.* Tipple Height, operating in the Eagle seam of coal, on the Cabin Creek branch of the C. & O. Railroad, four miles from Leewood. The coal is undercut by electric chain machines and hauled by mules to parting, then by electric motor to tipple. Ventilation is produced by a seven foot Stine fan, which would give very good results if the stoppings were kept in good order. The roof and drainage are good. This mine produces about 100 tons daily. Mining laws are in general observed.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
R. B. PAYNE, *Superintendent.* A. G. GEARHART, *Mine Foreman.*

CARBON COAL COMPANY.

CARBON.

NOS. 733 & 4. *North & South—Drift.* Located at Carbon, on the Cabin Creek branch of the C. & O. R. R., operating in the No. 2 gas seam, which runs from five to six feet in thickness. Developments are on the room and pillar system with double entries. Coal is mined by hand, with pick and by electric machines and hauled by motors and mules to outside. Ventilation is produced by (two) Stine fans, which give fairly good results. The roof in some parts of the mine is not very good and requires careful timbering to keep it safe. Drainage is good. Some parts of the mine are dry and dusty, which necessitate frequent sprinkling to keep them damp.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
R. B. PAYNE, *Superintendent.* A. G. GEARHART, *Mine Foreman.*

CARBON COAL COMPANY.

CARBON.

No. 735. *Splint—Drift.* Located at Carbon, on the Cabin Creek branch of the C. & O. R. R., operating the Coalburg seam, which is five feet six inches in thickness. Developments are on the room and pillar system with double entries. Coal is undercut by electric machines and hauled by electric motors to drum house, then run over an incline to tipple. Ventilation is produced by an eight foot Stine fan, which gives very fair results. The roof is good, except in some places a thin draw slate follows the coal and requires careful watching. Drainage is good. This mine produces 700 tons daily. Mining laws are in general observed.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
R. B. PAYNE, *Superintendent.* CHAS. STENNETT, *Mine Foreman.*

CHESAPEAKE MINING COMPANY.

HANDLEY.

No. 736. *Chesapeake No. 1—Drift.* Located near Handley, on the main line of the C. & O. R. R., operating the Kanawha seam, and is worked by the double entry system. The coal is four to seven feet in thickness. Ventilation is produced by a ten foot electric fan, which gives reasonably good results. The coal is cut by pick, also electric chain machines, and hauled by mules and electric motor to the drum house, when it is run over an incline, then conveyed by electric motors to tipple. Roof is not very good, which requires careful timbering to keep it safe. Drainage good. Conditions in general fairly good. Mining laws generally complied with.

J. Q. DICKINSON, *Pres. & Gen. Mgr.*
L. D. BURNS, *Manager.*
J. E. SHAFER, *Superintendent.* G. W. WALKER, *Mine Foreman.*

CHESAPEAKE MINING COMPANY.

HANDLEY.

No. 737. *Chesapeake Nos. 2 & 3—Drift.* Located at Handley, on the main line of the C. & O. Railroad, operating in the Coalburg seam, which runs from four and one-half to six feet in thickness; a very bad draw slate follows the extracting of the coal, which requires very careful watching. Ventilation is produced by an eight foot fan, which gives fairly good results. Drainage good. Coal is undercut by pick and electric chain machines, and is hauled by mules and electric motor to drum house, then run over an incline and hauled by an electric motor to tipple. This mine is pillar extracting and will not last very long. Mining laws are generally complied with.

J. Q. DICKINSON, *Pres. & Gen. Mgr.*
L. D. BURNS, *Manager.*
J. E. SHAFER, *Superintendent.* J. E. SHAFER, *Mine Foreman.*

COALBURG COLLIERY COMPANY.

RONDA.

No. 738. *Belmont.—Drift.* Located at Ronda, on the Cabin Creek branch of the C. & O. R. R., operating in the Belmont seam, which averages four to five feet in thickness. Coal is undercut by electric machines and gathered and hauled to drum by electric motor, then run over an incline to the gas seam, then by incline to tipple. Ventilation is produced by a seven foot fan, and gives good results. This mine is capable of producing 150 tons daily. Mining laws are fully complied with.

J. Q. DICKINSON, *President.*
S. W. SMITH, *Superintendent.* G. E. SMITH, *Mine Foreman.*

COALBURG COLLIERY COMPANY.

RONDA.

No. 738-a. *Ronda—Drift.* Located at Ronda, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which is five to six feet in thickness. Coal is undercut by electric machines and hauled by mules and motors to drum house, then over an incline to tipple; this coal is run over the same tipple as the Belmont mine. Ventilation is produced by an eight foot fan, which gives good results. Roof is not good and it requires careful timbering to keep it safe. Drainage is good, except on one or two of the entries. Stoppings in fair condition. Mining laws are reasonably complied with.

J. Q. DICKINSON, *President.*
S. W. SMITH, *Superintendent.* G. E. SMITH, *Mine Foreman.*

COALBURG-KANAWHA COAL COMPANY.

COALBURG.

No. 739. *"A"—Drift.* Located at Coalburg, on the main line of the

C. & O. R. R., operating the Coalburg seam, which averages about five and one-half to six feet in thickness, coal is undercut by electric chain machines, hauled by mules to partings, and by electric motor to drum house, then run over an incline to tipple. Ventilation is produced by a seven foot fan, which gives fair results. Roof is not very good and requires careful timbering. Drainage is good. Mining laws generally complied with.

J. A. WILLIS, *Superintendent.* G. C. BAILEY, *Mine Foreman.*

COALBURG-KANAWHA COAL COMPANY.

COALBURG.

No. 740. *"B"—Drift.* Located at Coalburg, on the main line of the C. & O. Railroad, operating the Belmont seam of coal, which averages three feet eight inches in thickness. Coal is undercut by electric chain machines, and hauled by mules to partings and by electric motor to drum house, then run over an incline to tipple. Ventilation is produced by a seven foot fan with fairly good results. Roof not very good. Drainage good. Mining laws are in general complied with.

J. A. WILLIS, *Superintendent.* G. C. BAILEY, *Mine Foreman.*

DRY BRANCH COAL COMPANY.

DRY BRANCH.

No. 741. *Belmont & Coalburg—Drifts.* Located at Dry Branch, on the Cabin Creek branch of the C. & O. R. R., operating in the Coalburg seam, which is five feet eight inches in thickness, opened on the double entry system. Coal is mined both by pick and electric machines and hauled by mules and electric motors to drum, then by incline to tipple; this coal runs over the same tipple as the Belmont No. 6 mine. Ventilation is produced by two seven foot fans and is generally good. Roof is not very good and requires careful timbering to keep safe. Drainage good, with the exception of second right entry. Mining laws are in general reasonably well complied with.

J. Q. DICKINSON, *President.*
C. F. SLACK, *Superintendent.* C. H. BAYLES, *Mine Foreman.*

EAST BANK MINING COMPANY.

EAST BANK.

No. 742. *East Bank—Drift.* Located at East Bank, on the main line of the C. & O. Railroad, operating the Cedar Grove seam of coal, which averages two feet ten inches in thickness. Ventilation is produced by a furnace, which does not give very satisfactory results. Roof is good. Drainage is good. Coal is mined by pick and hauled to drum house with mules. Mining laws are in general very well complied with.

A. M. HOWERY, *Superintendent.* EDWARD CLARK, *Mine Foreman.*

EUREKA COAL COMPANY.

DONWOOD.

General Offices, Athens, Ohio.

No. 743. *Eureka No. 1—Drift.* Located on the Morris Creek branch of the C. & O. R. R., three miles from Montgomery; seam is Tipple Height, in the No. 2 gas. They have abandoned the lower bench at this mine and are now working the upper, which averages 54 inches in thickness of clean coal. Very good roof; the coal is cut by electric chain machines and hauled by a gathering motor. The mine at present is aired by a furnace, but the company is arranging to install a fan in the near future; and the mine is being laid off on the three entry system, is practically new and at present has a capacity of 200 tons per day.

C. D. HOPKINS, *Pres. & Mgr.* CHAS. FRAZER, *Mine Foreman.*
J. R. FRAZER, *Superintendent.* GEO. ROBINSON, *Mine Foreman.*

EUREKA COAL COMPANY.

DONWOOD.

No. 743-a. *Eureka No. 3—Drift.* Formerly operated by the Morris Creek Company. Located one mile above Donwood, on the Morris Creek branch of the C. & O. Railroad, operating in the Kanawha seam, which averages four feet in thickness. Ventilation is produced by an eight foot fan, which gives very good results. Drainage is good; roof fair. Coal is undercut by three Jeffrey chain machines and hauled by mules and one electric motor; has a short incline by which the coal is run over to the tipple, which incline is also used by the No. 4 mine. The Nos. 3, 4 and 5 mines will run their coal on to a twin tipple, which spans the creek and allows the coal to come from both sides of the hills. About 50 miners are employed with an average of 200 tons daily.

C. D. HOPKINS, *Pres. & Man.* CHAS. FRAZER, *Mine Foreman.*
J. R. FRAZER, *Superintendent.* GEO. ROBINSON, *Mine Foreman*

EUREKA COAL COMPANY.

DONWOOD.

No. 743-b. *Eureka No. 4—Drift.* Located one mile above Donwood, on the Morris Creek branch of the C. & O. Railroad, has a short incline, which conveys the coal to the No. 3 landing and then is run over the No. 3 incline to twin tipple. This mine is operating in the No. 5 splint seam, and has but little development and the coal is four feet in thickness and carries with it a draw slate, which requires careful timbering. Drainage is good. Ventilation is at present by furnace, which is not very satisfactory; the coal is cut by electric chain machines and hauled out to drum by mules; 75 tons daily average. Mining laws in general complied with; about 15 men employed.

C D. HOPKINS, *Pres. & Mgr.* CHAS. FRAZER, *Mine Foreman.*
J. R. FRAZER, *Superintendent.* GEO. ROBINSON, *Mine Foreman.*

IMPERIAL COLLIERY COMPANY.

BURNWELL.

No. 744. *Imperial No. 1—Drift.* Located at Burnwell, on the Paint Creek branch of the C. & O. R. R., operating in the Eagle seam, which is five one-half to six feet in thickness, mined both by pick and compressed air punchers. Ventilation is produced by an eight foot fan, which gives good results. The roof is not very good and has to be carefully timbered to make it safe. Drainage good. Coal is hauled by mules and electric motors to outside. This mine produces 500 tons daily. Laws generally observed.

QUIN MORTON, *Gen. Mgr.*
F. H. MORTON, *Superintendent.* L. R. HOWELL, *Mine Foreman.*

IMPERIAL COLLIERY COMPANY.

BURNWELL.

No. 745. *Imperial No. 3—Drift.* Located at Burnwell, on the Paint Creek branch of the C. & O. Railroad, operating the Eagle seam of coal, on the double entry system; coal averages five feet six inches in thickness and is undercut by electric chain machines and hauled by two gathering motors and mules to partings, then it is taken to outside by ten ton Westinghouse motor. Ventilation is produced by an eight foot fan, which gives fair results. Roof is bad in most places and requires good timbering to keep it safe. Drainage good. Mining laws are carefully complied with.

QUIN MORTON, *Gen. Mgr.* ..
F. H. MORTON, *Superintendent.* M. D. BOULDIN, *Mine Foreman.*

LEWIS COAL & COKE COMPANY.

CHELYAN.

No. 746. *Lewis—Drift.* Located at Chelyan, on the main line of the C. & O. R. R. operating the Peerless and Lewiston seams, which run from two to four and one-half feet in thickness. Ventilation is produced by a five foot fan, which gives reasonably fair results. Drainage is good. In some parts of the mine the roof is not very good and requires careful timbering to make it safe. Coal is mined both by pick and electric machines and hauled by mules and electric motor to outside, then it is run over an incline to tipple. Mining laws in general complied with.

S. A. LEWIS, *Gen. Mgr.*
WM. ROLLINS, *Superintendent.* A. D. HEMMINGS, *Mine Foreman.*

THE MARMET COAL COMPANY.

MARMET.

No. 747. *Blackband—Drift.* Located at Marmet, on the Virginian and Southern R. R. and Lens creek, operating in the Blackband seam, which is three feet ten inches in thickness, and is worked on the double entry system with room and pillar. Ventilation is produced by seven and ten foot fans, which give fairly good results. The roof is fairly good. Drainage fairly good, except in local swags. Coal is undercut by electric machines and is hauled by electric motors of the Goodman type to drum, then by incline to tipple. Mining laws fully complied with.

THOS. OLIVER, *Superintendent.* ROBT. TAYLOR, *Mine Foreman.*

MARMET COAL COMPANY.

MARMET.

No. 748. *New Butler—Drift.* Located at Marmet, on the Virginian & Southern R. R. and Lens creek, operating in the Butler or No. 2 gas seam, which runs from four to seven feet in thickness. Opened on the room and pillar system with double entries. Ventilation is produced by a seven foot fan, which gives fairly good results. Drainage, owing to natural conditions, is not very good in some parts of the mine, also small feeders of gas are sometimes found in the advance headings. Coal is undercut by electric machines and hauled by mules and electric motor to tipple. Mining laws are reasonably well complied with.

THOS. OLIVER, *Superintendent.* JOHN PORTER, *Mine Foreman.*

MONTGOMERY COAL COMPANY.

MONTGOMERY.

No. 749. *No. 1—Drift.* Operating in the Kanawha seam, located on the main line of the C. & O. Railroad, one mile below Montgomery. The coal runs about four and one-half feet thick. A draw slate from six to eighteen inches follows the extracting of the coal and requires careful watching. Ventilation is produced by nine and four foot fans, which give good results. Coal is mined both by pick and machine and hauled by mules and electric motor to drum, when it is run over the same incline as the Possom Hollow mine output and dumped over the same tipple. Mine laws are reasonably well complied with.

S. H. MONTGOMERY, *Pres. & Mgr.*
S. P. JOHNSON, *Superintendent.* S. P. JOHNSON, *Mine Foreman.*

MONTGOMERY COAL CO.

MONTGOMERY.

No. 750. *No. 2—Drift.* Located at Union on the main line of the C. & O. R. R. one mile below Montgomery, operating in the No. 2 Gas Seam which averages 5 to 6 feet in thickness. Coal is undercut by electric machines and hauled by mules to outside.

Ventilation is produced by a 7 ft. electric fan which gives very good results. The roof is fairly good. Drainage good.

This mine produces 100 tons daily. The mining laws are fully complied with.

S. H. MONTGOMERY, *Pres. & Gen. Mgr*
S. P. JOHNSON, *Supt.* S. P. JOHNSON, *Mine Foreman.*

NATIONAL BITUMINOUS COAL & COKE COMPANY.

ESKDALE.

No. 751. *No. 2 Gas—Drift.* Located at Eskdale on the Cabin Creek Branch of the C. & O. R. R., opened on the double entry system. Coal runs from 4 ft. to 4 ft. 6 in. in thickness and is undercut by electric machines, hauled by mules and electric motor to tipple, which is located one mile from Leewood.

Ventilation is produced by an 8 foot Thayer fan which gives good results. Roof and drainage are good.

This mine produces 400 tons daily.

Mining laws are fully complied with.

J. A. GREEN, *Supt.* H. J. WILLS, *Mine Foreman.*

NATIONAL BITUMINOUS COAL & COKE COMPANY.

ESKDALE.

No. 752. *No. 5 Splint—Drift.* Located at Eskdale on the Cabin Creek Branch of the C. & O. R. R., operating in the No 5 Splint seam on the double entry system. Coal is 5 ft. in thickness.

Ventilation is produced by an 8 foot Thayer fan and, in general, is fair.

A dangerous draw slate follows the extracting of the coal and requires very careful watching which in general is complied with.

Some parts of the mine are dry and require frequent watering to allay the dust.

Coal is undercut by electric machines and hauled by mules and motor to outside, then run over an incline to tipple.

Mining laws are reasonably complied with.

J A. GREEN, *Supt.* J. J. COX, *Mine Foreman.*

NATIONAL BITUMINOUS COAL & COKE COMPANY.

CROWN HILL.

No. 753. *Coalburg No. 8—Drift.* Located at Crown Hill on the main line of the Chesapeake & Ohio Railroad, operating the Coalburg seam which runs from 4 to 6 feet in thickness. Coal is undercut both by pick and electric chain machines and hauled by mules and electric motor to the drumhouse, where it is run over an incline to tipple.

Ventilation is produced by an 8 foot electric fan which gives fair results.

Roof in many places is bad and has to be carefully timbered to prevent accidents.

Drainage is good. Laws are generally complied with and watchful care taken.

E. L. BREWER, *Supt.* E. L. BREWER, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

MUCKLOW.

No. 754. *Banner—Drift.* Located at Banner on the Paint Creek

Branch of the C. & O. Railroad, operating the Coalburg seam of coal which averages 6 ft. in thickness and is undercut by 2 electric chain machines and hauled by mules to partings, then by electric motor to outside.

Ventilation is produced by an 8 foot electric fan which gives good results.

A very bad draw slate follows the coal and it requires extra precaution in taking it down.

Drainage is very good.

Laws are strictly adhered to.

JAMES MARTIN, *Gen. Mgr.*
G. H. HOWALD, *Supt.* CLAUDE STARR, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

TOMSBURG.

No. 755. *Grose Nos. 1 & 2—Drifts.* Located at Tomsburg on the Paint Creek Branch of the C. & O. Railroad, operating the Powellton & Eagle seams, which run from 3 ft. 6 in. to 6 ft. in thickness. The coal is undercut by electric chain machines and hauled by mules to the partings, then hauled outside by an 8 ton Jeffrey motor, where it is run over an incline to the Grose No. 1. then through the No. 1 to tipple; output of nos. 1 and 2 Grose is dumped over the same tipple.

Ventilation is produced by an 8 foot fan which gives fair results. Roof is fairly good. Drainage good.

General condition good. Mining laws are fully complied with.

JAMES MARTIN, *Gen. Mgr.*
J. F. HALE, *Supt.* V. S. JOHNSON, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

MUCKLOW.

No. 756. *Paint Creek—Drift.* Located at Mucklow on the Paint Creek Branch of the C. & O. Railroad, operating the Coalburg seam of coal which runs about 7 to 8 ft. in thickness; the coal is undercut by electric chain machines and hauled to the several partings by mules, then by electric motors to the drumhouse.

Ventilation is produced by 8 and 10 foot fans which give excellent results. Drainage is very good.

Roof conditions are not very good; about 2 feet of draw slate follow the coal, which makes it dangerous, and it requires great care in handling.

Mine in very good condition. Laws are generally complied with.

JAMES MARTIN, *Gen. Mgr.*
H. G. HOWALD, *Supt.* J. M. BRYAN, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

MUCKLOW.

No. 757. *Scranton—Drift.* Located at Mucklow on the Paint Creek

Branch of the C. & O. Railroad, operating the Coalburg seam of coal which averages 5 ft. in thickness, undercut, in general, by electric chain machines.

Ventilation generally good throughout the mine.

Drainage good. Moderate roof but very well timbered.

Mine, in general, in good condition.

Laws are generally complied with.

JAMES MARTIN, *Gen. Mgr.*
A. G. HOWALD, *Supt.* JOHN FILBIN, *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

WACOMAH.

No. 758. *Wcomah—Drift.* Located at Wacomah on the Paint Creek Branch of the C. & O. Railroad, operating the Coalburg seam of coal on the double entry system.

Coal is 5 ft. in thickness, undercut by electric chain machines, hauled by mules to partings, and then by electric motors to outside.

Ventilation is produced by an 8 foot Thayer fan, which gives good results.

Roof is bad and requires careful watching. Drainage good. Mine generally in good condition. Laws strictly adhered to.

JAMES MARTIN, *Gen. Mgr.* WILLIAM W. BRADLEY,
H. G. HOWARD, *Supt.* *Mine Foreman.*

PAINT CREEK COLLIERIES COMPANY.

OLCOTT.

No. 759. *Reynolds—Drift.* Coal, three feet ten inches thick, Black Band Seam. Ventilated by fan, eight feet in diameter. Employs 125 men inside. Coal is hauled by mules and electric locomotive.

E. D. GRIFFITH, *Supt.* GEO. W. WORKMAN, *Mine Foreman.*

REPUBLIC COAL CO.

CARBON.

No. 760. *No. 1—Drift.* Located at Carbon on the Cabin Creek Branch of the C. & O. R. R., operating in the No. 2 Gas seam which is five feet, six inches in thickness. Developments were first on the room and pillar system with double entries, then changed to a panel system with blocks of 500 feet square for extracting by the long wall method.

Coal is mined by hand, with pick, and electric machines, hauled by mules and electric motors to outside.

Ventilation is produced by a seven foot Stine fan which gives very good results. Roof is not very good and requires careful timbering to keep it safe. Drainage is good with the exception of one haulway. The mine, in sections, is dry and dusty and requires periodical sprinkling to keep it damp.

This mine is capable of producing 400 tons daily.

Mining laws are in general observed.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
C. A. PEARSE, *Supt.* A. F. GEARHART, *Mine Foreman.*

REPUBLIC COAL COMPANY.

CARBON.

No. 761. *No. 2—Drift.* Located at Carbon on the Cabin Creek Branch of the C. & O. R. R., operating the No. 2 Gas seam which runs from four and one-half to five feet in thickness. Developments are on the room and pillar system with double entries. Coal is mined by hand and hauled by mules and electric motor to outside.

Ventilation is produced by a seven foot Stine fan which gives good results. Roof is good. Drainage is good except on some haulways.

This mine consists generally of pillar drawing.

Laws are generally observed.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
C. A. PEARSE, *Supt.* G. D. HOGE, *Mine Foreman.*

REPUBLIC COAL COMPANY.

CARBON.

No. 762. *No. 3—Drift.* Located at Carbon on the Cabin Creek Branch of the C. & O. R. R., operating the No. 2 Gas seam which is five feet in thickness. Developments are on the room and pillar system with double entries. Coal is mined by hand and electric machines and hauled by mules and electric motors to outside. Ventilation is produced by a seven foot Stine fan which does not give very good results on account of bad stoppings. The roof is generally good. Drainage good. This mine is dry and some parts dusty which require frequent watering to keep it damp. This mine is capable of producing 350 tons daily. Laws are reasonably well complied with.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
C. A. PEARSE, *Supt.* P. L. BIERNE, *Mine Foreman.*

REPUBLIC COAL COMPANY.

CARBON.

No. 763. *No. 5—Drift.* Located at Carbon on the Cabin Creek Branch of the C. & O. R. R., operating the Coalburg seam which runs from four and one-half to five feet in thickness. Developments are on the room and pillar system with double and triple entries.

Coal is undercut by electric machines and hauled by electric motors to drum, then run over an incline to tipple.

Ventilation is produced by an eight foot Thayer fan which does not give very good results on account of bad stoppings. Drainage is good. The roof is not good and requires careful timbering to keep it safe.

This mine is capable of producing 300 tons daily. Mining laws are, in general, complied with.

C. A. CABELL, *Gen. Mgr.*
W. EWART JAMES, *Gen. Supt.*
C. A. PEARSE, *Supt.* J. N. BURGRAFT, *Mine Foreman.*

SOUTHWESTERN SPLINT FUEL COMPANY.

CROWN HILL.

No. 764. *Black Cat—Drift.* Located at Crown Hill on the main line of the Chesapeake & Ohio Railroad, operating the Coalburg seam of coal which runs from 5 to 6 feet in thickness and is undercut by electric chain machines and hauled by mules and electric motor to drumhouse, when it is run over an incline to tipple.

Ventilation is produced by an eight foot electric fan, which gives very fair results.

Roof is reasonably good generally, some places need careful timbering.

Drainage good.

Mining laws generally complied with.

S. B. BRYDEN, *Supt.* JOE VANDAL, *Mine Foreman.*

STANDARD SPLINT & GAS COAL COMPANY.

STANDARD.

No. 765. *Standard—Drift.* Located at Standard, on the Paint Creek Branch of the C. & O. Railroad, operating the Coalburg seam of coal which runs seven to seven and one-half feet in thickness and is under cut both by pick and electric chain machines and hauled by mules to partings, then by electric motor to drumhouse, then run over an incline to tipple.

Ventilation is produced by a 10 foot fan which gives good results in all sections.

Roof is, in general, good. Drainage good.

Mining laws are generally complied with.

350 tons daily output.

W. A. WOOD, *Gen. Mgr.*
G. G. WOOD, *Supt.* ED. FOSTER, *Mine Foreman.*

WAKE FOREST MINING COMPANY.

WAKE FOREST.

No. 766. *Wake Forest—Drift.* Located at Wake Forest on the Cabin Creek Branch of the C. & O. R. R., operating in the No. 2 gas seam of coal which runs from five to six feet in thickness, is undercut by electric chain machines and hauled to partings by mules, then by motor to outside. Ventilation is produced by a six foot fan which gives very good results. Roof in general is very good. Drainage good.

Some parts of the mine are very dry which necessitate frequent sprinkling to keep damp. Laws are in general observed.

J. C. GRYMES, *Gen Mgr. & Supt.* JOHN GAY, *Mine Foreman.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 767. *No. 1—Drift.* Located one mile above Decota on the Cabin Creek Branch of the C. & O. Railroad, operating the gas seam of coal, which runs five to six feet in thickness, mined both with pick and electric chain machine, is hauled by mules to partings, then by electric motor to drumhouse, where it is run over an incline to tipple. Ventilation is produced by a ten foot fan with excellent results. The roof, in some parts of the mine, is not very good and requires careful timbering to keep it safe.

The left side of the mine is dry and dusty, which requires periodical sprinkling to keep the dust damp.

Mine, generally, in fair condition.

Mining laws are reasonably complied with.

C. A. CABELL, *Gen. Mgr*
W. EWART JAMES, *Gen. Supt.*
K. D. QUARRIER, *Supt.* C. R. LARABEE, *Mine Foreman.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 768. *No. 3—Drift.* Operating in the Coalburg seam which averages six and one-half to seven feet in thickness; the coal is undercut by electric chain machines and hauled by mules to partings, then by motor to drumhouse, where it is run over an incline to tipple.

Ventilation is produced by a seven foot Stine fan which gives fair results. Stoppings in this mine are only fair.

The roof and drainage are good.

This mine produces about 600 tons daily.

Mining laws are, in general, complied with.

C. A. CABELL, *Gen. Mgr*
W. EWART JAMES, *Gen. Supt.*
K. D. QUARRIER, *Supt.* CHAS. PETTY, *Mine Foreman.*

WEST VIRGINIA COLLIERY COMPANY.

WEVACO.

No. 769. *No. 4—Drift.* Located at Wevaco on the Cabin Creek Branch of the C. & O. R. R., operating in the No. 2 Gas seam, on the double and triple entry system. Coal is five feet, five inches thick, mined both by pick and electric machines and hauled by mules and electric motors to outside.

Ventilation is produced by two seven foot fans which give good results. In some parts of the mine, the roof is not good and requires careful timbering to keep it safe.

Drainage is very good.

Mine produces 400 tons daily.

Mining laws are generally complied with.

C. A. CABELL, *Gen. Mgr*
W. EWART JAMES, *Gen. Supt.*
K. D. QUARRIER, *Supt.* W. STEWART, *Mine Foreman.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 770. *North*—Drift. Located at Winifrede on the Winifrede R. R., and Field's Creek, operating the Winifrede seam on the double entry system. Coal is four feet ten inches thick. Ventilation is produced by six and ten foot fans, and, owing to a large quantity of black-damp coming from the old workings, the air is not good at all times.

In some parts of the mine the roof is not very good. Drainage good.

Coal is mined both with pick and electric machines and hauled by mules and motors to tipple.

Mining laws reasonably well complied with.

W P. LEAR, *Gen. Asst. Mgr.*
F. D. BARRON, *Supt.* HARRY PATTON, *Mine Foreman.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 771. *South—Drift.* Located at Winifrede on the Winifrede R. R. and Field's Creek, operating the Winifrede seam which is five feet, four inches thick. Mine is opened on the double entry system with room and pillar. Ventilation is produced by a ten foot fan which gives good results.

Drainage generally good.

In some parts of the mine, the roof is not very good. Coal is mined both by pick and electric machines and hauled by mules and electric motors to outside, then run over a short incline to tipple.

Mining laws are complied with.

W. P. LEAR, *Gen. Asst. Mgr.*
F. D. BARRON, *Supt.* GEORGE SYMON, *Mine Foreman.*

WINIFREDE COAL COMPANY.

WINIFREDE.

No. 772. *West—Drift.* Located at Winifrede on the Winifrede R. R. and Field's Creek, operating in the Winifrede seam which is four feet, two inches thick. It is opened on the room and pillar system with double entries. Ventilation is produced by five and eight foot Thayer fans, which give good results. Drainage is good, except some haulways. In some parts of the mine, the roof is not very good. Coal is undercut by pick, and some is shot from the solid, and hauled by mules and electric motors to tipple.

Mining laws are reasonably well complied with.

W. P. LEAR, *Gen. Asst. Mgr.*
F. D. BARRON, *Supt.* C. A. McKEE, *Mine Foreman.*

WYATT COAL COMPANY.

SHARON.

No. 773. *Berlin—Drift.* Located at Berlin on the Cabin Creek Branch of the C. & O. R. R., operating the No. 2 Gas seam which is five feet, eight inches thick. Opened on the double entry system.

Ventilation is produced by an eight foot Stine fan which does not produce the amount of air that it is capable of doing on account of the airways being blocked.

Roof and drainage are good.

An amount of fine coal dust gathers on the haulage road which is kept watered down.

Coal is mined by pick and hauled by mules and motors to drumhouse, then run over an incline to tipple.

Mine is producing 350 tons daily.

Mining laws are reasonably observed.

JOHN LAING, *Pres.*
A .W. LAING, *Supt.* WESLEY NASH, *Mine Foreman.*

WYATT COAL COMPANY.

SHARON.

No. 774. *Horton—Drift.* Located at Sharon on the Cabin Creek Branch of the C. & O. R. R., operating in the Coalburg seam which is four feet in thickness; it is opened on the double entry system.

Ventilation is produced by a seven foot Thayer fan, which gives good results. Drainage good. Roof good in general. Coal is undercut with electric machines, and hauled by mules and electric motor to tipple.

This mine is capable of producing 500 tons per day.

Laws are reasonably well observed.

JOHN LAING, *Pres.*
A. W. LAING, *Supt.* ED. GLOVER, *Mine Foreman.*

WYATT COAL COMPANY.

GILES.

No. 775. *Oakley—Drift.* Located at Eventon on the Cabin Creek Branch of the C. & O. R. R., operating the Lewiston seam, which is four feet in thickness, opened on the double entry system. Ventilation is produced by an eight foot Thayer fan which gives very fair results. Roof and drainage are good.

Coal is undercut by electric machines and hauled by mules and motor to drumhouse, then over an incline to tipple.

This mine produces 350 tons daily.

The laws are fully complied with.

JOHN LAING, *Pres.*
A. W. LAING, *Supt.* WM. WARNER, *Mine Foreman.*

EIGHTH DISTRICT

GENERAL SUMMARY FOR THE EIGHTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

County	No. of Openings	No. of Persons Killed	EMPLOYEES									Production of	
			Inside					Outside				Coal	Coke
			Pick Miners	Machine Miners	Machine Runners and Helpers	Laborers	Totals	Laborers	Coke Workers	Totals	Sum Totals	Tons of 2240 lbs.	Tons of 2000 lbs.
Fayette (part) .	63	36	2,415	1,254	332	1,269	5,270	806	183	989	6,259	3,974,456	149,496
Nicholas (part) .	2	..	.....	30	8	15	53	15	...	15	68	9,763	....
Totals	65	36	2,415	1,284	340	1,284	5,323	821	183	1,004	6,327	3,984,219	149,496

Montgomery, Sept. 19, 1914.

HON. EARL A. HENRY,
Chief of Dept. of Mines,
Charleston.

DEAR SIR:—In compliance with the law I herewith submit my annual report as inspector of the Eighth Mining District for the year ending June 30, 1914. I am pleased to report continued co-operation throughout my District, being composed of part of Fayette and one mine in Nicholas county, and I appreciate the courteous treatment received from both miners and mine officials in connection with my work.

I have been unable, in many cases, to visit the mines as often as required by law, owing to the number of mines in the district and believe that, to do this in a conscientious way, the number of mines should be reduced by having the number of Inspectors increased, as it is impossible to make extra visits to see that recommendations are carried out in the proper manner. The work is scattered over such a territory that the results are not satisfactory, nevertheless, I have, under your instructions, visited the mines, which in my judgment required closer attention than those in more favorable conditions, as often as I considered they should be.

I regret the number of accidents which have occurred; some of them might have been avoided by proper care on the part of the workmen and officials. Accidents will only be reduced to a minimum by the officials keeping in touch with the conditions by frequent visits and close observation, seeing that all orders in regards to safety are carried out to the letter and the workmen using the greatest care to protect themselves at all times.

In conclusion I wish to thank you, as Chief, and the Department in general for the many courtesies, help and advice I have received at all times in connection with my work.

Yours very respectfully,

R. Y. MUIR,

Inspector Eighth District.

Mines Abandoned During the Year.

Alaska.

Mines Idle During the Year.

Gaymont.
Sunnyside.
Kohinoor.

New Mines Opened During the Year.

Buck Run.

FAYETTE COUNTY.

AJAX COAL COMPANY.

FAYETTE.

General Office, Fayette.

No. 801. *Ajax—Drift.* Located on main line of C. & O. R. R., operating the Sewell seam on double entry system, averaging two to three feet thick. Drainage was poor on my last visit. Roof is bad in parts but generally well taken care of. Ventilation is produced by an eight foot disc fan driven by electricity which gives good results. Coal is mined by pick and hauled by mules to tipple. Mine Law is reasonably well complied with.

F. M. DUNBAR, *Mgr.* E. R. GILL, *Mine Foreman.*
E. R. GILL, *Supt.*

ALASKA COAL & COKE COMPANY.

CLAREMONT.

No. 802. *Alaska—Drift.* Located on the C. & O. R. R., three and one-half miles east of Thurmond, operating the Fire Creek seam, four feet thick. Roof and drainage are good. Ventilation is produced by a fan, which gives good results. Coal is hauled by mules.

GEO. LAWTON, *Superintendent.* S. M. PETERS, *Mine Foreman.*

BABCOCK COAL & COKE COMPANY.

CLIFF TOP.

General Office, Sewell.

No. 803. *Cliff Top No. 3—Drift.* Located at Cliff Top, on Man's Creek R. R., operating the Sewell seam three feet thick. Ventilation is produced by an eight foot disc fan, driven by electricity, which gives reasonably good results. Drainage is good. Roof is generally good. Coal is mined by pick and machine. Five hundred volts of electricity are used. Coal is hauled by mules and electric motors. Coal is principally used for making coke at Sewell ovens, at which place a new crusher has been erected during the year.

R. M. SMITH, *Manager*. W. E. MOORE, *Mine Foreman*.
W. L. HERDON, *Superintendent*.

BABCOCK COAL & COKE COMPANY.

CLIFF TOP.

General Office, Sewell.

No. 803-a. *Cliff Top No. 4—Drift.* Located on Man's Creek, one-half mile from Cliff Top, operating the Sewell seam, three feet thick. Ventilation is produced by an eight foot double inlet C. & C. fan, driven by gasoline engine, which gives good results. Coal is mined by pick and hauled by mules. Drainage is good. Roof is good. Other conditions comply with the law. This coal is also used for coke at Sewell ovens.

R. M. SMITH, *Manager*. H. T. BRAGG, *Mine Foreman*.
W. L. HERDON, *Superintendent*.

BALLINGER COAL COMPANY.

NUTTALLBURG.

General Office, Nuttallburg.

No. 804. *Ballinger No. 1—Drift.* Located at Winona, on Keeney's Creek branch of the C. & O. R. R., operating the Sewell seam, averaging three feet nine inches thick. Roof is bad in parts, especially in Flannigan drift, which has a very light surface and requires careful attention. Drainage is moderate. Coal is mined by pick, gathered by mules and hauled to incline by steam locomotive. Ventilation is produced by an eight foot disc fan at main drift and a three foot fan at Flannigan drift, which give fairly good results. Mine laws are generally well observed.

GEORGE HOLLAND, *Mgr. & Supt.* JOHN OHLINGER, *Mine Foreman.*

BEECHWOOD COAL & COKE COMPANY.

CLAREMONT.

General Office, Claremont.

No. 805. *Beechwood No. 1—Drift.* Located on main line of C. & O. R. R., at Claremont, operating the Fire Creek seam, averaging four feet six inches thick. Ventilation is produced by one 14 foot steam driven and one 4 foot Robinson fan driven by electricity, which should give good results. Drainage is good. Roof is slate and bad in parts, but generally well looked after. Coal is mined by picks gathered by mules and hauled by gasoline motors and endless rope to tipple at mine mouth and taken from there to railroad cars by monitor. Mine law is generally well observed.

C. C. BEURY, *Manager.* R. B. HANNA, *Mine Foreman.*
E. L. HAWLEY, *Superintendent.*

BEECHWOOD COAL & COKE COMPANY.

CLAREMONT.

General Office, Claremont.

No. 806. *Beechwood No. 2—Drift.* Located on main line of C. & O. R. R., operating the Fire Creek seam, averaging four feet six inches thick. Ventilation is produced by a five foot steam driven fan. Roof is slate and requires attention in parts of the mine and is generally well taken care of. Drainage is generally good. Coal is mined by pick, gathered by mules, hauled to outside by endless rope and by steam locomotive to tipple. Mine law is generally well observed.

C. C. BEURY, *Manager.* J. O. DANIELS, *Mine Foreman.*
E. L. HAWLEY, *Superintendent.*

BEURY BROS. COAL & COKE COMPANY.

BEURY.

General Office, Beury.

No. 807. *Echo & Klondike—Drifts.* Located at Beury, on C. & O. R. R., operating the Fire Creek seam, averaging three to four feet six inches thick. Roof is slate and requires attention, being full of slips and kettle bottoms. Echo mine is pillar work only and will soon be exhausted. Klondyke mine is worked in a small way. Grades are bad and coal is full of rolls. Both mines dump over one tipple. Coal is run down a 1100 feet incline in monitors. Ventilation is produced by one fan at Stone Cliff for Echo and one six foot fan for Klondyke; the latter is run by a small upright steam boiler, which is hardly sufficient to meet the needs.

H. B. BEURY, *Supt. & Mgr.* W. L. MCDANIEL, *Mine Foreman.*

BIG BEND COAL COMPANY.

DIMMOCK.

General Office, Dimmock.

No. 808. *Big Bend—Drift.* Located at Dimmock, on the C. & O. R. R., operating the Fire Creek seam, averaging three feet six inches thick. Roof is slate and requires attention. Drainage is moderate. Ventilation is produced by an eight foot steam driven disc fan, giving good results when properly conducted. Mine cars are run by gravity down a 1760 foot incline to railroad cars.

J. H. DEMPSEY, *Mgr. & Supt.* O. C. WISEMAN, *Mine Foreman.*

G. W. BLUME (ESTATE).

FAYETTE.

No. 809. *Fayette.* Operating in the Sewell seam, which is three feet thick. Ventilation is produced by fan. Coal is hauled by mules and electric motor; 46 men employed inside.

E. G. BLUME, *Superintendent.* L. D. RHODES, *Mine Foreman.*

BLUME COAL & COKE COMPANY.

LOOKOUT.

General Office, Lookout.

No. 810. *Blume—Drift.* Located at Lookout, on Keeney's branch of C. & O. R. R., operating the Sewell seam, three feet eight inches thick. Roof is slate and bad in parts of the mine. Drainage generally good. Ventilation is produced by a 10 foot disc fan, driven by electricity, which gives reasonably good results. Coal is mined by pick and electric mining machines and hauled by mules and electric motors. Mine laws are reasonably well observed.

D. W. BOONE, *Mgr. & Supt.* A. R. JONES. *Mine Foreman.*
U. S. JONES, *Asst. Foreman.*

BRANCH COAL & COKE COMPANY.

ELVERTON.

General Office, Elverton.

No. 811. *Elverton—Drift.* Located on south side of New River, on C. & O. R. R., on main line, operating the Sewell seam about four feet thick. Roof is generally good slate. Drainage is moderately good. Ventilation is produced by a 10 foot disc fan, located inside, which gives moderately good results. Coal is mined by pick and machine, hauled by mules and electric motors to tipple, where it is taken by monitors down a 1250 incline to railroad cars. Other conditions comply with the law.

W. R. J. ZIMMERMAN, *Mgr. & Supt.* W. D. CRICKMER, *Mine Foreman.*
T. H. CAMPBELL, *Fire Boss.*

BROWN COAL COMPANY.

NUTTALLBURG.

General Office, Nuttallburg.

No 812. *Brown—Drift.* Located on south side of New river, on main line of C. & O. R. R., at Brown, operating the Sewell seam, which is three to four feet four inches thick. Mining is done by pick and electric machine and hauled by mule and electric motors. Roof is generally good. Drainage is moderate. Ventilation is produced by two five foot fans, driven by electricity, located inside the mine, which give generally good results. Other conditions comply with the law.

J. A. BOONE, *Mgr. & Supt.* C. B. STEWART, *Mine Foreman.*

DEITZ COLLIERY COMPANY.

WYNDAL.

General Office, Vanette.

No. 813. *Wyndal No. 2 Gas—Drift.* Located at Wyndal, on Gauley branch of the C. & O. R. R., operating the No. 2 gas seam on the long wall system. Ventilation is produced by a furnace, which gives fairly good results. Drainage is good. Roof is good. Coal is mined by pick and hauled by mules. Coal from No. 2 gas and No. 5 splint is dumped over one tipple, but kept separate in the chutes. Mine laws are reasonably well observed.

T. A. DEITZ, *Mgr. & Supt.* L. D. MORAN, *Mine Foreman.*

DEITZ COLLIERY COMPANY.

WYNDAL.

General Office, Vanette.

No. 813-a. *Wyndal No. 5 Splint—Drift.* Located at Wyndal, on Gauley branch of C. & O. R. R., operating the No. 5 splint seam, averaging five feet thick. Ventilation is produced by a furnace, which gives good results. Roof is generally good. Drainage is good. Coal is mined by pick and hauled by mules and gasoline motors to drift mouth, where it is let down a 1050 foot incline to level of No. 2 gas seam, from where it is taken to tipple of latter seam by steam locomotive. Coal from both mines goes over one tipple.

T. A. DEITZ, *Mgr. & Supt.* H. M. STONE, *Mine Foreman.*
L. D. MORAN, *Inside Supt.*

ELMO MINING COMPANY.

ELMO.

General Office, Elmo.

No. 814. *Elmo—Drift.* Located on C. & O. R. R., at Elmo, operating the Sewell seam three feet thick. Roof is slate and sandstone, bad in parts. Drainage was not in good condition on my last visit. Ventilation is produced by an eight foot fan, which gives good results when properly conducted. Other conditions comply with the law.

G. H. GROFF, *Manager.* C. E. SIMMS, *Mine Foreman.*
BEN KEENEY, *Fire Boss.*

EPHRAIM CREEK COAL & COKE COMPANY.

THAYER.

General Office, Room No. 1514 No. 11 Broadway, N. Y.

No. 815. *Buffalo & Slater—Drifts.* Located at Thayer, on main line of C. & O. R. R., operating the Fire Creek seam, three to four feet feet six inches thick. Roof is good. Drainage is good. Ventilation is produced by three fans, propelled by electricity, which give generally good results. Coal is mined by pick and electric machine, hauled by motors to tipple and taken from there in monitors down a 2800 foot incline to railroad cars. Mine laws are reasonably well complied with.

M. C. JONES, *Manager.* E. BRETZMAN, *Mine Foreman.*
WM. WARNER, *Superintendent.*

EXPORT COAL COMPANY.

EXPORT.

General Office, Macdonald.

No. 816. *Export—Drift.* Located on Laurel Creek branch of C. & O. R. R. at Export, operating the Fire Creek seam, three feet six inches thick. Coal is mined by pick and hauled by electric motors. Roof is good slate. Drainage is moderately good. Ventilation is produced by a seven foot disc fan, driven by electricity, which gives good results. Five hundred volts are used. Incline is 1900 feet. Mine laws are generally well observed.

J. E. BEURY, *Supt.* G. D. MCDANIEL, *Mine Foreman.*

EVANS & SONS.

MT CARBON.

General Office, Mt. Carbon.

No. 817. *No. 2 Gas—Drift.* Located at Mt. Carbon, on the C. & O R. R., operating the No. 2 gas seam, overaging four feet two inches thick. Ventilation is natural and not good. This mine was formerly operated by the Great Kanawha Coal Company, and but few men work at present time.

ZACK EVANS, *Supt. & Mine Foreman.*

EVANS & SONS.

MT. CARBON.

General Office, Mt. Carbon.

No. 817-a. *Eagle--Drift.* Located at Mt. Carbon, operating the Eagle seam, averaging two feet eight inches thick. Roof is good. Drainage poor. Ventilation is produced by natural means and is poor. Only seven men worked in this mine on my last visit.

ZACK EVANS, *Supt. & Mine Foreman.*

FIRE CREEK COAL & COKE COMPANY.

FIRE CREEK.

General Office, Staunton, Va.

No. 818. *Buffalo—Drift.* Located at Fire Creek on C. & O. R. R., operating the Fire Creek seam averaging three feet, six inches thick. Roof is good slate. Drainage is good. Ventilation is produced by a sixteen foot fan, electrically driven, which gives good results. During the year they installed an electric locomotive haul way through the tunnel replacing the old tail rope haul formerly used; this makes it an electric haul from partings to tipple where coal is run by monitors down a 1300 foot incline. 5000 volts are used.

H. B. SPROUL, *Mgr.* J. W RHODES, *Mine Foreman.*
H. H. BLACKBURN, *Supt.*

FORT DEFIANCE COAL & COKE COMPANY.

GAULEY BRIDGE.

General Office, Gauley Bridge.

No. 819. *Fort Defiance—Drift.* Located on main line of C. & O. R. R. at Old Gauley Station, operating the No. 2 gas seam. Coal averages four feet, four inches thick. Roof is slate and bad in parts. Drainage is generally good. Ventilation is produced by natural means in part of the mine and a furnace in the new drift and is not good. Coal is mined by pick and compressed air machines and hauled by mule and tail rope. During the year, a gasoline engine has been installed to operate rope haul; this engine is located inside and has given some trouble on account of fumes from gasoline mixing with the mine air. Coal is taken down a 1360 foot incline by monitor.

G. J. COTTRELL, *Supt.* J. W. RHODES, *Mine Foreman.*

GAULEY MOUNTAIN COAL COMPANY.

JODIE.

General Office, Ansted.

No. 820. *Buck Run—Drift or series of drifts, operating the No. 2 gas seam averaging three feet, four inches to five feet thick.* Located at Jodie on Gauley Branch of C. & O. R. R. There are seven pairs of drifts opened from a tram road around the mountain; each pair is ventilated by a small furnace which gives fairly good results. Roof is mostly sand rock. Drainage is good. Coal is mined by electric machines and hauled by mules and motors. This mine began operation the latter part of 1913.

R. C. TAYLOR, *Ge'nl Mgr.* JESSE BLAKE, *Mine Foreman.*

GAULEY MOUNTAIN COAL COMPANY.

ANSTED.

General Office, Ansted.

No. 821. *Nova Scotia and Turkey Creek Mines—Drifts, working over one Tipple.* Located on Ansted Branch of C. & O. R. R. three and one half miles from Hawk's Nest, operating the No. 2 gas seam, averaging four feet thick on the double entry system. Ventilated by four disc fans, two 10 and two six foot, which give reasonably good results. Roof is bad in parts requiring careful timbering. Drainage is generally good. Hauling is done by mule and electric motors. Five hundred volts are used. Mining laws generally well complied with.

R. C. TAYLOR, *Mgr.*	JAS. A. MARTIN, *Mine Foreman.*
R. N. PAGE, *President.*	JOE ARBAUGH, *Asst. Foreman.*
E. L. MORRIS, *Supt.*	G. WILLIAMS, *Asst. Foreman.*

GLENDALE COLLIERY COMPANY.

LAWTON.

General Office, Lawton.

No. 822. *Buck Lick—Drift.* Located on Laurel Creek Branch of C. & O. R. R., operating the Fire Creek seam about three feet eight inches to four feet thick. Roof and drainage are generally good. Ventilation is produced by an eight foot steam driven fan which gives good results. Coal is mined by pick and hauled by mules to outside and from there to tipple by gasoline motor and steam locomotive. Incline is 900 feet. Mine laws are complied with.

C. B. HELWIG, *Supt.*	GEO. L. MORAN, *Mine Foreman.*
C. C. BEURY, *Mgr.*	

GREENWOOD COAL COMPANY.

LAWTON.

General Office, Lawton.

No. 823. *Greenwood—Drift.* Located on Laurel Creek branch of C. & O. R. R. at Lawton, operating the Fire Creek seam averaging three feet, ten inches to four feet thick. Ventilation is produced by four disc fans run by electric power. One ten foot is located at Slater, two three foot located at Syndicate No. 1 and No. 2 and one five foot located inside at Mud Tunnel and give general good results. Drainage is good. Roof is slate and is good. Coal is mined by pick and machine and hauled by electric motors and mules to mine mouths and from there taken to tipple by steam locomotive.

W. A. BROWN, *Gen'l Mgr.*	H. C. PETERS, *Mine Foreman.*
	WM. HURT, *Mine Foreman.*

HEMLOCK HOLLOW COAL & COKE COMPANY.

LAWTON.

General Office, Lawton.

No. 824. *Hemlock—Drift.* Located on Laurel Creek Branch of the C. & O. R. R. at Lawton, operating the Fire Creek seam averaging three feet, eight inches to four feet thick. Ventilation is produced by two five foot disc fans, located inside, which give generally good results. Roof is a good slate. Drainage is good. Coal is mined by pick and machine and hauled to drum house by electric motors from where it is lowered in monitors down a 400 foot incline. Mine laws are generally well observed.

W. A. BROWN, *Gen'l Mgr.*	D. S. BROWN, *Mine Foreman.*
J. A. BROWN, *Supt.*	CLARENCE OSBORNE, *Asst. Foreman.*

HOLLIDAY COAL COMPANY.

NUTTALLBURG.

General Office, Nuttallburg.

No. 825. *Keeney's Creek—Drift.* Located on C. & O. R. R. at Keeney's Creek, operating the Sewell seam which is three feet, eight inches thick. Roof is generally good. Drainage is poor in parts. Ventilation is produced by small furnaces which do not give satisfactory results. Six small drifts were working on my last visit. Coal is mined by pick and hauled by mules.

WM. BROWN, *Mgr.*	C. MAC HOLLIDAY, *Mine Foreman.*
C. MAC HOLLIDAY, *Supt.*	

KEENEY'S CREEK COLLIERY COMPANY.

BOONE.

Gerenal Office, Winona.

No. 826. *Boone—Drift.* Located on Keeney's Creek Branch of C. & O. R. R. at Boone, operating the Sewell seam about three feet thick. Ventilation is produced by an eight foot disc fan giving generally good results. Drainage is moderate. Roof is bad in parts requiring careful attention. Coal is mined by pick and electric machines and hauled by mules and electric motors. Mine laws are generally well observed.

J. WADE BELL, *Supt.*	H. B. CONWAY, *Mine Foreman.*

KEENEYS CREEK COLLIERY COMPANY.

WINONA.

Gerenal Office, Winona.

No. 827. *Smokeless Mine—Drift.* Located at Winona on the Keeney's Creek Branch of the C. & O. R. R., operating the Sewell seam about three feet, six inches thick. Roof is bad in parts. Drainage is generally good.

Ventilation is produced by eight foot disc fan, located inside, which gives fairly good results. Coal is mined by pick and electric machines and hauled by mules and electric motors. Mine laws are generally well observed.

J. WADE BELL, *Supt.* T. H. SEACRIST, *Mine Foreman.*

LAUREL CREEK COAL COMPANY.

FAYETTE.

General Office, Laurel Creek.

No. 828. *Laurel—Drift.* Located on Laurel Creek Branch of the C. & O. R. R., operating the Fire Creek seam about three feet, ten inches thick. Roof is good slate. Drainage is generally good. Ventilation is produced by a ten foot disc fan, driven by electricity, which gives generally good results. Coal is mined by pick and electric machines and hauled by mules and electric motors to drum house and down a 1400 feet incline by monitors. Mine laws are reasonably well observed.

W. A. BROWN, *Mgr.* J. A. ATKINSON, *Mine Foreman.*
E. E. LAWTON, *Supt.*

LOOKOUT COAL & COKE COMPANY.

LOOKOUT.

General Office, Lookout.

No. 829. *Lookout—Drift.* Located at Lookout on Keeney's Creek Branch of C. & O. R. R., operating the Sewell seam averaging three feet, two inches to four feet thick. Roof is generally good. Drainage is moderate. Ventilation is produced by a ten foot disc fan which gives good results. Coal is mined by pick and electric machines and hauled by mules to mine mouth and taken up to tipple by rope operated by steam engine. Mine laws are generally well observed.

D. W. BOONE, *Supt.* A. R. JONES, *Mine Foreman.*
J. E. TINCHER, *Asst. Foreman.*

LOUP CREEK COLLIERY COMPANY.

PAGE.

General Office, Page.

No. 830. *Loup Creek No. 2—Drift.* Located on the Virginian R. R. at Page, operating the No. 2 gas seam four feet, six inches to five feet thick. Ventilation is produced by two five foot fans giving generally good results. Drainage is good and roof in parts of the mine requires careful attention. Coal is mined by pick and electric machines and hauled by mules and motors. Mine laws are well observed.

J. C. TAYLOR, *Manager.* WM. N. HOLSTEIN, *Mine Foreman.*
D. S. DOOLEY, *Supt.* J. H. HEDRICK, *Ass't Foreman.*
W. E. WILSON, *Ass't Foreman.*
D. F. RULE, *Ass't Foreman.*

LOW MOOR IRON COMPANY, OF VIRGINIA.

KAY MOOR.

General Office, Low Moor, Va.

No. 831. *Kay Moor No. 1—Drift.* Located at Kay Moor on the south side of New River on the C. & O. R. R., operating the Sewell seam averaging three feet, six inches thick. Ventilation is produced by an eight foot, four inch Sirocco fan which gives generally good results. Drainage, in parts, is poor. Roof is slate and generally good. Coal is mined by pick, chain and puncher mining machines, hauled by mule and electric motors to mine mouth where it is lowered to railroad cars by monitors. Mining law is generally well complied with.

C. E. WELD, *Mgr.*	D. H. LUCAS, *Mine Foreman.*
G. H. ESSER, *Supt.*	A. B. REESE, *Fire Boss.*

No. 832. *Kay Moor No. 2—Drift.* Located at South Fayette on C. & O. R. R., operating the Sewell seam averaging three feet thick. Ventilation is produced by a six foot Jeffrey fan, driven by electricity, which gives good results. Drainage is generally good. Roof is slate and good when taken care of. Coal is mined by pick and machine, hauled by mules and electric motors. Mining laws are well observed.

C. E. WELD, *Mgr.*	STEVE FROMM, *Mine Foreman.*
G. H. ESSER, *Supt.*	J. U. FINK, *Fire Boss.*

LYNCHBURG COLLIERY COMPANY.

VANETTA.

General Office, Vanetta.

No. 833. *Lynchburg—Drift.* Located at Vanetta on the Gauley branch of C. & O. R. R., operating the No. 2 gas seam which is three to four feet thick. Ventilation is produced by two furnaces which give moderate results. Drainage is good. Roof is slate and requires careful timbering in parts. Coal is mined by pick and hauled by mules to outside from where it is taken by steam locomotive to top of a 700 foot incline.

T. A. DEITZ, *Supt.*	J. C. GRISINGER, *Gen'l Mine Foreman.*
	B. F. MURPHY, *Mine Foreman.*

LYNCHBURG COLLIERY COMPANY.

VANETTA.

General Office. Vanetta.

No. 833-a. *No. 5 Splint Mine—Drift.* Located at Vanetta on the C. & O. R. R., operating the No. 5 Splint seam five feet, eight inches to six feet thick. Roof is slate and generally good if properly cared for. Drainage is good. Ventilation is produced by a furnace which gives generally good results. Coal is mined by pick and hauled by mules to top of a 1240 foot incline where it is let down by gravity, then it is taken by steam locomotives to Vanetta No. 2 incline. Coal from Vanetta No. 2 and No. 5 Splint goes over same tipple but is kept separate. Mine laws are reasonably well observed.

T A. DEITZ, *Supt.* I. N. HUDDLE, *Mine Foreman.*

M. B. COAL & COKE COMPANY.

KIMBERLY.

General Office, Kimberly.

No. 834. *Kimberly No. 3—Drift.* Located on Armstrong branch of C. & O. R. R., operating the No. 2 gas seam, which is four feet six inches thick. Ventilation is produced by a 12 foot fan, which gives generally good results. Drainage is good. Roof is generally good. Coal is mined by electric machine and hauled by mules and motors. One electric and two gasoline motors are used. Mine laws are generally well observed incline is 750 feet long.

L. C. TIPPETT, *Mgr. & Supt.* LEM. PAYNE, *Mine Foreman.*

M. B. COAL & COKE COMPANY.

KIMBERLY.

General Office, Kimberly.

No. 835. *Columbia No. 5—Drift.* Located at Columbia, on the Armstrong branch of the C. & O. R. R., operating the No. 5 splint seam, which is six feet thick. Ventilation is produced by an eight foot disc fan, which gives fairly good results. Roof is bad, requiring careful timbering. Drainage is reasonably good. Coal is mined by electric machines and hauled by mules. Mine laws are reasonably well observed. Incline 2430 feet long.

L. C. TIPPETT, *Mgr. & Supt.* W .W. GILL, *Mine Foreman.*

M. B. COAL & COKE COMPANY.

ELK RIDGE.

General Office, Kimberly.

No. 836. *Elk Ridge No. 1—Drift.* Located on the Armstrong branch of the C. & O. R. R., at Elk Ridge, operating the Powellton seam, which is five feet six inches thick. Roof is bad in parts. Drainage is good. Ventilation s produced by a 10 foot fan, propelled by electricity, which gives good results. Coal is mined by pick and machine and hauled by mules and electric motors. Mine laws are reasonably well observed. Incline 750 feet long.

L. C. TIPPETT, *Mgr. & Supt.* LEWIS HORNSBY, *Mine Foreman.*

M. B. COAL & COKE COMPANY.

ELK RIDGE.

General Office, Kimberly.

No. 837. *Elk Ridge No. 2—Drift.* Located on Armstrong branch of C. & O. R. R., at Elk Ridge, operating the Powellton seam, which is five feet six inches thick. Roof is bad in parts. Drainage is good. Ventilation is produced by a 10 foot disc fan, driven by electricity, which gives good results. Coal is mined by pick and electric machine and hauled by mules and electric motors. On my last visit, the second opening was not in good condition, but other conditions comply with the law.
L. C. TIPPETT, *Mgr. & Supt.* W. D. LEE, *Mine Foreman.*

MECCA COLLIERY COMPANY.

EAGLE.

General Office, Eagle.

No. 838. *Edgewater—Drift.* Located at Eagle, on main line of C. & O. R. R., operating the No. 2 gas seam, which is four feet eight inches thick. Ventilation, when working, was produced by a 15 foot fan. Roof is slate and bad in parts. This company went into the hands of a receiver in the early part of the year and no work has been done at any of its mines in the Eighth District since.
H. T. SMARR, *Manager.* J. E. CARVER, *Mine Foreman.*
J. R. GARD, *Superintendent.*

MECCA COLLIERY COMPANY.

EAGLE.

General Office, Eagle.

No. 839. *Diamond—Drift.* Located on main line of C. & O. R. R. at Eagle, operating the No. 2 gas seam, averaging four feet eight inches thick. This mine is also in the hands of a receiver and not in operation at the close of this year.
H. T. SMARR, *Manager.* B. C. LOHR, *Mine Foreman.*
J. R. GARD, *Superintendent.*

MICHIGAN COAL COMPANY.

FAYETTE.

General Office, Fayette.

No. 840. *Michigan—Drift.* Located at Michigan, on the C. & O. R. R. operating the Sewell seam, three feet thick. Roof is bad in parts, but well taken care of. Drainage is reasonably good. Ventilation is produced by a steam driven fan, which gives good results. No mining machines are used, coal being mined by pick and hauled by mules.
J. D. BOONE, *Supt. & Mgr.* D. H. STULL, *Mine Foreman & Fire Boss.*

MILBURN COAL COMPANY.

MILBURN.

No. 841. *Milburn No. 1—Drift.* Located at Milburn, on the Paint Creek branch of the C. & O. R. R., operating in the Eagle seam, which is six and one-half to seven feet in thickness; developments on the double entry system. Ventilation is produced by a six foot fan. Drainage is good. The roof is generally good. Coal is undercut by electric machines and hauled by electric motors to outside. This mine is in good condition, and the mining laws are fully complied with.

G. B. SMEDLY, *Mine Foreman.*

MILL CREEK COLLIERY COMPANY.

ANSTED.

General Office, Ansted.

No. 842. *Mill Creek—Drift.* Located on Ansted branch of C. & O. R. R., one-half mile from Hawk's Nest, operating the Sewell seam, averaging three feet thick. Roof is slate and generally good. Drainage is fair only. Ventilation is produced by a 10 foot C. & M. fan, which gives good results. Coal is hauled to tipple from face by mules. Mine laws are generally well complied with.

W. H. EVANS, *Manager.*	HARRY SMITH, *Mine Foreman.*
R. H. MASSEY, *Superintendent.*	W. W. JOHNSON, *Fire Boss.*
	STEPHEN SIMS, *Fire Boss.*

MIDVALE COLLIERY COMPANY.

GAMOCA.

General Office. Vanetta.

No. 843. *Midvale—Drift.* Located on Gauley branch of C. & O. R. R., at Gamoca, operating the No. 5 splint seam, which is five to six feet thick; coal is mined by pick and hauled by mules and gasoline motors. Roof and drainage are good. Ventilation is produced by a 10 foot fan, which gives results. Coal is taken down two inclines, one 1050 feet and one 1150 feet long, to railroad. Mine laws are reasonably well observed.

T. A. DEITZ, *Mgr. & Supt.*	C. H. WORKMAN, *Mine Foreman.*

MOUNT CARBON COMPANY, LIMITED.

POWELLTON.

General Office. Powellton.

No. 844. *Vulcan—Drift.* Located on Armstrong branch of C. & O. R. R. at Powellton, operating the Powellton seam, which is five feet six inches thick. Roof is bad in parts. Drainage is reasonably good. Coal is mined by pick and electric machine and hauled by mules and electric motors to tipple. During the year a new tipple has been built, with picking table and storage bin of 400 tons capacity. Mine laws are reasonably well complied with.

MORRIS HANSFORD, *Superintendent.*
GODFREY POWELL, *Gen. Mgr.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

LAYLAND.

General Office, Charleston.

No. 845. *Layland No. 1—Drift.* Located on Laurel Creek branch of the C. & O. R. R. at Layland, operating the Fire Creek seam, averaging three feet ten inches in thickness, on the double entry system. Ventilation is produced by a 16 foot Clifford-Capell fan, located at No. 2 mine, which gives good results. Roof is slate and generally good. Drainage is good. Coal is mined by pick and hauled by electric motors to tipple and taken to railroad cars by retarding conveyor, which also takes coal from No. 2 and No. 3 mines.

H. M. BERTOLET, *Gen'l Supt.* L. J. NAHODIL, *Mine Foreman.*
O. A. KNERR, *Superintendent.* OWEN AYERS, *Asst. Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

LAYLAND.

General Office, Charleston.

No. 845-a. *Layland No. 2—Drift.* Located at Layland, operating the Fire Creek seam, averaging three feet ten inches thick, on the double entry system. Ventilation is produced by a 16 foot Clifford-Capell fan, which furnishes air for No. 1 mine also. Drainage is good. Roof is a generally good slate. Coal is mined by pick and hauled by electric motors. Other conditions comply with the law.

H. M. BERTOLET, *Gen'l Supt.* L. J. NAHODIL, *Mine Foreman.*
O. A. KNERR, *Superintendent.* P. K. LYNCH, *Asst. Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

LAYLAND.

General Office, Charleston.

No. 845-b. *Layland No. 3—Drift.* Located at Layland, operating the Fire Creek seam, averaging three feet ten inches thick on the two and three entry system. Ventilation is produced by an 18 foot Clifford-Captle fan which gives good results. Drainage is good. Roof is very brittle in parts of the mine requiring careful attention. Coal is mined by pick and hauled by electric motors to retarding conveyor, which handles all coal from the three Layland mines.

H. M. BERTOLET, *Gen'l Supt.* L. J. NAHODIL, *Mine Foreman.*
O. A. KNERR, *Superintendent.* JOHN MCMILLAN, *Asst. Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

MINDEN.

General Office, Charleston.

No. 846. *Minden No. 2—Drift.* Located on Minden branch of the C. & O. R. R. at Minden, operating the Sewell seam, averaging four feet six inches thick, on the two and three entry system. Ventilation is produced by one 10 foot Thayer and one 4 foot Robinson fan, which give good results. Drainage is good. Roof is bad, but well taken care of. Coal is mined by pick and machine and hauled to tipple by electric motors. Other conditions comply with the law.

H. M. BERTOLET, *Gen'l Supt.*	J. W. FORBES, *Mine Foreman.*
JOHN CLAPPERTON, JR., *Supt.*	J. G. ROBERTSON, *Asst. Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

MINDEN.

General Office, Charleston.

No. 847. *Minden No. 3—Drift.* Located at Minden, operating the Sewell seam, on the two and three entry system, averaging four feet six inches thick. Ventilation is produced by a 16 foot Clifford-Capell fan, driven by electricity, which gives good results. Drainage is good. Roof is bad in parts of the mine and requires careful timbering. Coal is mined by pick and machine and hauled by electric motors to tipple. Other conditions comply with the law.

H. M. BERTOLET, *Gen'l Supt.*	DON LINDSAY, *Mine Foreman.*
JOHN CLAPPERTON, JR., *Supt.*	O. J. REDDIN, *Night Foreman.*
	JOHN MILLER, *Fire Boss.*
	JOHN STEWART, *Fire Boss.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

MINDEN.

General Office, Charleston.

No. 848. *Minden No. 4—Drift.* Located at Minden, operating the Sewell seam, four feet thick, on the two and three entry system. Ventilation is produced by a 15 foot Clifford-Capell fan, driven by electricity, which gives good results. Drainage is good. Roof is slate and sand rock, bad in parts, but well taken care of. Coal is mined by pick and machine and hauled to tipple by electric motors. Other conditions comply with the law.

H. M. BERTOLET, *Gen'l Supt.*	WM. ROTHWELL, *Mine Foreman.*
JOHN CLAPPERTON, JR., *Supt.*	WM. BOLTON, *Night Foreman.*
	GEO. WATKEYS, *Fire Boss.*
	B. ALEXANDER, *Fire Boss.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

MINDEN.

General Office, Charleston.

No. 849. *Minden No. 5—Drift.* Located at Minden, operating the Sewell seam four feet thick, on the two and three entry system. Ventilation is produced by a 15 foot Clifford-Capell fan, which gives good results. Drainage is good. Roof is slate and sand stone, bad in parts, but well taken care of. Coal is mined by pick and machine and hauled to tipple by electric motors. Other conditions comply with the law.

H. M. BERTOLET, *Gen'l Supt.*	J. L. ASCOUGH, *Mine Foreman.*
JOHN CLAPPERTON, JR., *Supt.*	**J. J. HERBERT, *Night Foreman.***
	JOHN HURST, *Fire Boss.*
	R. THEWLIS, *Fire Boss.*

NUTTALLBURG SMOKELESS FUEL COMPANY.

NUTTALLBURG.

General Office, Nuttallburg.

No. 850. *Nuttallburg—Drift.* Located on C. & O. R. R., at Nuttallburg, operating the Sewell seam, three feet ten inches thick. Ventilation is produced by a 16 foot steam driven fan, located on outside and a five foot booster on inside, which do not give required results. Drainage is good. Roof is generally good slate. Coal is mined by pick and machine and hauled by mules and electric motors.

WM. BROWN, ***Mgr. & Supt.***	WALTER BLAND, *Mine Foreman.*
	H. R. TULLY, *Fire Boss.*

QUINNIMONT COAL COMPANY.

LAWTON.

General Office, Quinnimont.

No. 851. *Big Q and Lick Branch—Drifts.* Located at Lawton, on Laurel Creek branch of the C. & O. R. R., operating the Fire Creek seam, which is about three feet eight inches to four feet thick. Roof is slate and needs care in parts of the mine. Drainage is generally good. Ventilation by two fans, an eight foot disc fan in Lick Branch and a three feet disc fan in Big Q, which give generally good results. Both mines dump coal over one tipple. Coal is mined by pick and electric machine and hauled by mules and electric motors. Mining law generally well observed.

J. C. GALLANDETTE, *Gen'l Mgr.*	ED GORDON, *Mine Foreman.*

RIDGEVIEW COAL COMPANY.

THAYER.

General Office, Charleston.

No. 852. *Ridgeview—Drift.* Located at Thayer, on main line of C. & O. R. R., operating the Fire Creek seam about three feet thick. Coal is mined by pick, hauled by mule and rope to drift and taken by steam locomotive to incline. Very little work has been done during the year. Mine has been closed down part of the time and few men are working.

T. C. BEURY, *Manager.* S. P. HARRIS, *Mine Foreman.*
H. B. CLARKSON, *Superintendent.*

RIVER VALLEY COLLIERY COMPANY.

HAWK'S NEST.

General Office, Hawk's Nest.

No. 853. *Bachman—Drift.* Located on south side of New river at Bachman, on the C. & O. R. R., operating the Sewell seam, averaging three feet thick. Drainage is good. Roof is generally good. Ventilation is produced by an eight foot disc fan which gives good results. Coal is mined by electric cutting machines and hauled by mules. Other conditions meet law requirements.

D. A. BOONE, *Manager.* JOHN HARRIS, *Mine Foreman.*

ROCK LICK COAL COMPANY.

CONCHO.

General Office, Staunton, Va.

No. 854. *Rock Lick—Nos. 1 & 4—Drifts.* Located on the south side of New river, on the C. & O. R. R., operating the Sewell seam, four feet thick. Ventilation is produced by an eight foot disc fan at No. 1 and a five foot disc fan at No. 4, driven by electricity, which give generally good results. Drainage is moderate. Roof is slate and sand rock and bad in parts, but generally well taken care of. Coal is mined by pick and machine and hauled by mules and electric motors. Other conditions comply with the law.

H. B. SPROUL, *Manager.* D. F. JOHNSON, *Mine Foreman.*
GILBERT SMITH, *Superintendent.* BEN WILSHIRE, *Mine Foreman.*

ROCK LICK COAL COMPANY.

CONCHO.

General Office, Staunton, Va.

No. 855. *Rock Lick No. 2—Drift.* Located on the south side of New river, on the C. & O. R. R., operating the Fire Creek seam, four feet thick. Ventilation is produced by a 12 foot Capell fan, driven by electricity, which gives good results. This mine works from two to nine men. Coal is mined by pick and hauled by mules. Roof is good. Drainage is good. Mine laws are complied with.

H. B. SPROUL, *Manager.* GILBERT SMITH, *Mine Foreman.*
GILBERT SMITH, *Superintendent.*

ROTHWELL COAL COMPANY.

DUBREE.

General Office, Dubree.

No. 856. *Dubree—Drift.* Located at Dubree, on Keeney's Creek branch of C. & O. R. R., operating the Sewell seam, three feet eight inches thick. Roof is generally good. Drainage is poor. Ventilation is produced by a 12 foot fan, driven by electricty, in main mine, which gives reasonably good results. The old part, called Straight, is ventilated by natural means, pillar robbing only being carried on in Straight. Mine laws are reasonably well observed.

H. H. ROTHWELL, *Mgr. & Supt.* CHAS. HIGGINS, *Mine Foreman.*

SCOTIA COAL & COKE COMPANY.

RUSH RUN.

General Office, Rush Run.

No. 857. *Rush Run & Once More—Drifts.* Located on C. & O. R. R., on south side of New river, operating the Fire Creek seam, on double entry system, averaging five feet six inches thick. Ventilation is produced by 12 foot single inlet Capell fan at Rush Run and one seven foot disc fan at Once More, operated by electricity, which give generally good results. Drainage in part of mine working is generally good; part of the old mine has been drowned out for some time. Roof is good slate. Coal is mined by pick, gathered and hauled by mules and electric motors. Mine cars run down a 1000 foot incline to tipple. Mine laws are generally well observed.

G. H. CAPERTON, JR., *Mgr. & Supt.* R. J. MORTON, *Mine Foreman.*
R. S. HOY, *Fire Boss.*

SCOTIA COAL & COKE COMPANY.

RUSH RUN.

General Office, Rush Run.

No. 858. *Red Ash—Drift.* Located on C. & O. R. R., on south side of New river, at Red Ash, operating the Fire Creek seam, averaging five feet six inches thick. Ventilation is produced by a 12 foot single inlet Capell fan, which gives good results. Roof is slate and good. Drainage is generally good. Coal is mined by pick and hauled by mules and electric motors. Pillars only are being worked in the old mine and the new drift works but three men. Mining law is generally well observed.

G. H. CAPERTON, JR., *Mgr. & Supt.* J. M. PRICE, *Mine Foreman.*
GEO. THOBURN, *Fire Boss.*

SCOTIA COAL & COKE COMPANY.

FINLOW.

General Office, Rush Run.

No. 859. *Brooklyn—Drift.* Located on C. & O. R. R. on south side of New river, at Brooklyn, operating the Sewell seam, averaging three feet eleven inches thick, on double entry system. Ventilation is produced by two disc fans, one seven foot and one four foot in diameter, which give reasonably good results. Drainage is reasonably good. Roof is bad in parts, requiring careful timbering. Coal is mined by pick and machine and hauled by electric motor to mouth of mine, where it is let down a 900 foot incline by gravity to tipple. Mine laws are reasonably well observed.

G. H. CAPERTON, *Manager.* FRED PLATZER, *Mine Foreman.*
H. A. MOSELEY, *Superintendent.*

SEWELL COLLIERY COMPANY.

CAPERTON.

General Office, Caperton.

No. 860. *Sugar Camp—Drift.* Located on C. & O. R. R., at Caperton, operating the Sewell seam, which is four feet thick. Roof is slate and requires careful timbering. Drainage is moderate. Coal is mined by pick and electric machines and hauled by mules and electric motors. Ventilation is produced by two electrically driven fans, one five and one three and one-half foot, which give moderately good results. Mine laws are reasonably well observed.

D. W. BOONE, *Mgr. & Supt.* T. E. LITTLEJOHN, *Mine Foreman*
& Fire Boss.

SIGNAL KNOB COAL COMPANY.

ANSTED.

General Office, Ansted.

No. 861. *Signal Knob—Drift.* Located on Ansted branch of the C. & O. R. R., four miles from Hawk's Nest, operating the No. 2 gas seam, averaging five feet six inches thick. Ventilation is produced by a seven foot steam driven fan and furnace which give reasonable results. This mine has been idle a part of the year, owing to a local strike of part of the men.

W. H. EVANS, *Manager.* R. A. FORLOINE, *Mine Foreman.*
R. H. MASSEY, *Superintendent.*

SOUTH SIDE COMPANY.

CAPERTON.

General Office, Caperton.

No. 862. *South Side—Drift.* Located on south side of New river, on the C. & O. R. R., at Caperton, operating the Sewell seam, which is four feet two inches thick. Roof is good. Drainage moderate. Ventilation is produced by one eight and one six foot fan, located inside, which give generally good results. Coal is mined by pick and electric machines, hauled by mules and motors. Mine laws are reasonably well observed.

G. H. CAPERTON, *Manager.* W. E. MORTON, *Mine Foreman.*
H. A. MOSELEY, *Superintendent.*

ST CLAIR COLLIERY COMPANY.

EAGLE.

General Office, Eagle.

No. 863. *Archer—Drift.* Located at Eagle, on main line of C. & O. R. R., operating the No. 5 splint seam, which is about five feet six inches thick. Roof is bad in parts. Drainage not good. Ventilation is produced by two furnaces, which do not give good results. Coal is mined by pick and machine and hauled by mules. Cars run by gravity down a 2250 foot incline.

JOHN CONNELL, *Manager & Superintendent.*

ST CLAIR COLLIERY COMPANY.

EAGLE.

General Office, Eagle.

No. 846. *St. Clair—Drift.* Located at Eagle, on main line of C. & O. R. R., operating the Eagle seam, four feet six inches thick. Ventilated by a 12 foot fan and an eight foot Booster inside. This mine has not been in operation since the strike in the early part of the year.

JOHN CONNELL, *Manager & Superintendent.*

STONE CLIFF COAL & COKE COMPANY.

STONE CLIFF.

General Office, Stone Cliff.

No. 865. *Stone Cliff—Drift.* Located at Stone Cliff, on the C. & O. R. R., operating the Fire Creek seam, averaging three feet four inches thick. Roof is slate and generally good. Ventilation is produced by two eight foot electrically driven disc fans, which give only moderate results. Drainage is good. Coal is hauled by mules and motors, 500 volts being used. Other conditions meet the requirements.

C. A. BROCKMAN, *Supt. & Mgr.* JOHN DOWER, *Mine Foreman.*

NICHOLAS.

COALBELL COAL COMPANY.

BENTREE.

No. 866. *Coalbell—Drift.* Located on Gauley branch of C. & O. R. R., at Bentree (formerly Carterboro), operating the Coalburg seam, averaging four feet six inches thick. Ventilation is produced by a seven foot disc fan, which gives generally good results. Drainage is good. Roof is not good, requiring careful timbering. Coal is mined by electric machines and hauled by mules and motors, one trolley motor and two storage battery electric motors, the latter are giving satisfaction. Mine laws are reasonably well complied with.

S. M. DUNBAR, *Manager.* L. H. ARTHUR, *Mine Foreman.*
A. ARCHIBALD, *Supt.*

NINTH DISTRICT

GENERAL SUMMARY FOR THE NINTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
Fayette (part)	42	11	1,214	335	106	827	2,482	449	36	485	2,967	2,402,223	31,900
Raleigh (part)	41	197	1,547	335	115	918	2,915	530	..	530	3,445	2,892,388	....
Totals	83	208	2,761	670	221	1,745	5,397	979	36	1,015	6,412	5,294,611	31,900

OFFICE OF NINTH DISTRICT MINE INSPECTOR.

Beckley, September 30, 1914.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston.

DEAR SIR:—I herewith submit to you my annual report as Inspector of the Ninth District, which includes part of Fayette and Raleigh counties, for the year ending June 30, 1914.

I am sorry that the accidents in this district have been high during the fiscal year, both fatal and non-fatal and for the serious and terrible explosion which occurred at the No. 5 Eccles Mine, of the New River Collieries Company, causing the loss of 174 lives in No. 5 and 9 in No. 6 Eccles Mines. Many of these accidents could be averted if the officials in charge would be more careful and see to the welfare and safety of the mine and those who are employed under them; some are careless and indifferent and do not pay as strict attention as they should; that is the sole reason we have so many accidents in our mines.

Miners using short fuse have been the cause of many being injured, and a law should be enacted prohibiting this dangerous practice.

I am pleased to say that, in the discharge of my duties, I have received courteous treatment from mine officials and miners. And I also desire to extend to you my high appreciation of the kindly advice and assistance that you have rendered to me at all times.

Respectfully yours,

LANCE B. HOLLIDAY,
Inspector of the Ninth District.

MINES IDLE DURING THE YEAR.

Eccles Nos. 1 and 2.
Sherwood Mine.
Blue Jay No. 5.
Price Hill closed down September 25, 1914.

FAYETTE.

COLLINS COLLIERY COMPANY.

Glen Jean.

No. 901. *Collins 1, 2, 3 & 4—Drifts.* Located at Glen Jean, on the Loup Creek branch of the C. & O. R. R., operating the Sewell seam; mining is done by both pick and machines. The roof in general not good, very jointy and heavy draw slate. The coal is dumped at No. 1 tipple, average daily output 520 tons. Ventilation produced by one 16 and one 10 foot Crawford fan, giving good results.

S. A. Scott, *General Manager.* Henry Blake, *Mine Foreman.*
E. McCool, *Superintendent.* John Kennedy, *Asst. Foreman.*
James Harvey, *Asst. Foreman*

DUNGLEN COAL COMPANY.

Thurmond.

General Office, Thurmond.

No. 902. *Dunglen—Drift.* Located at Dunglen, on the Loup Creek branch of the C. & O. R. R., operating the Sewell seam. Thickness of coal five feet one inch. Roof not good. This mine is about worked out, only eight miners employed and two drivers. Daily output 56 tons. Coal is run down monitor incline to tipple; length of incline 1250 feet. Natural ventilation.

William Brown, *Manager.* Walter Bland, *Mine Foreman.*

DUNLOOP COAL & COKE COMPANY.

Dunloop.

No. 903. *Dunloop (Klondike).* Series of drift openings, located at Dunloop, on the Loup Creek branch of the C. & O. R. R., nine miles south of Thurmond, operating the Sewell seam. They are all connected in various parts of the workings. Thickness of coal five feet. Roof good and bad. Mining chiefly done by pick. Only two mining machines used, which are in No. 5 section. There are 161 pick miners and 12 machine miners employed; daily output 600 tons. Haulage done by one 20 ton Jeffrey, one 15 ton Westinghouse, one 8 ton, one 6 ton and four 6 ton gathering motors and 28 mules, and the coal is all dumped at the one tipple. Ventilation produced at No. 6 opening by 10 foot force fan and 5 foot exhaust fan at No. 5 opening. Ventilation moderately good.

S. A. Scott, *General Manager.* J. R. Porter, *Mine Foreman.*
John Porter, *Superintendent.*

HARVEY COAL & COKE COMPANY.

HARVEY.

No. 904. *Harvey Nos. 1 & 2—Drifts.* Located at Harvey, on the Loop Creek branch of th C. & O. R. R., operating the Sewell seam. Thickness of coal four feet six inches. Roof good. Fifty-three pick miners and 35 machine miners employed; daily output 800 tons. Haulage done by one 13 ton Jeffrey and one 10 ton electric locomotive. Drainage by 3½ x 4 Aldrich and one Jeansville 6 inch 1200 gallon centrifugal pump. On March 22nd fire destroyed the power house. Power, now being furnished from new sub-station located near the Lyman opening of the Prudence Coal Company, is carried into Harvey mine through two bore holes near first right entry. Six new side tracks have been made and 40 pound rails laid in fourth left in main entries for a distance of 4500 feet; 6000 feet of feed cable; 250,000 circular mill rubber covered cable has been installed. No coke ovens in blast. Ventilation produced by two 10 foot fans exhausting.

S. A. SCOTT, *General Manager.* JOHN WHITEHEAD, *Mine Foreman.*
P. C. THOMAS, *Asst. General Manager.*
W. S. NEAL, *Superintendent.*

LAURA MINING COMPANY.

RED STAR.

No. 905. *Laura—Drift.* Located at Red Star, on the Loup Creek branch of the C. & O. R. R., operating the Sewell seam, which is five feet six inches thick. The working of this mine is all on the retreat. Roof good and bad. Mining done by 19 pick miners; daily output 125 tons. Haulage by main and tail rope and mules. Drainage good. Ventilation produced by 12 foot force fan steam driven. Laws fully observed.

THOS. NICHOL, *Manager.* A. L. NELSON, *Mine Foreman.*

LONG BRANCH COAL COMPANY.

LONG BRANCH.

General Office, Long Branch.

No. 906. *No. 2—Drift.* Located at Long Branch, on the main line of the Virginian R. R., operating the "Peerless" seam, averaging five feet six inches; roof good; mining done by 80 pick miners. Daily output 540 tons. Mode of inside haulage, two Milwaukee 7 ton gasoline locomotives and 13 mules. Drainage good. Ventilation produced by eight foot Vulcan exhaust fan, driven by 16 horsepower gasoline engine. Cars are run down incline; from the bottom of incline the loaded cars are taken to tipple a distance of 4100 feet by a 13 ton Porter steam locomotive.

L. GRANEY, *Superintendent.* J. W. WARREN, *Mine Foreman.*

MACDONALD COLLIERY COMPANY.

MACDONALD.

No. 907. *Macdonald—Drift.* Located at Macdonald, 10 miles south of Thurmond, on the Loup Creek branch of the C. & O. R. R., operating the Sewell seam. Thickness of coal five feet four inches. Roof good and bad. Thirty-four pick miners and seven machine miners employed. Daily output 325 tons. Haulage by motors and mules. The ventilation not good; moderate drainage. The workings in this mine chiefly in pillars. Ventilation produced by a six foot force fan, electrically driven. The main intake airway of this mine is in a very poor condition, owing to slate falls.

S. A. SCOTT, *General Manager.*
P. C. THOMAS, *Asst. General Manager*
JOHN PORTER, *Superintendent.*

McKELL COAL & COKE COMPANY.

DERRYHALE.

No. 908. *Derryhale—Drift.* Located at Derryhale, on the K. G. J. & E. R. R., a branch of the C. & O. R. R., operating the Sewell seam. Double entry system. Thickness of seam five feet six inches. Roof in parts of the mine not good and full of slips, requiring very careful and close posting. Mining is done by pick chiefly; two coal cutting machines of the Shortwall type are used. Haulage is done by two track rail motors and mules. Daily output 300 tons. Drainage good. Ventilated by eight foot Thayer fan, steam driven. Mining laws fully carried out.

THOS. NICHOLL, *General Manager.* WM. COCHRAN, *Mine Foreman.*
J. M. HASTINGS. *Superintendent.*

McKELL COAL & COKE COMPANY.

KILSYTH.

No. 909. *Kilsyth—Drifts.* Located at Kilsyth, on the K. G. J. & E. R. R., operating the Sewell seam on the triple and double entry systems. Thickness of seam five feet six inches; roof not good in No. 1 mine, good in No. 2. In my last inspection of this mine I found small feeders of gas giving off from the bottom in No. 32 room off ninth right. Mining done in these two mines by 111 pick miners and 38 machine miners. Daily output 1200 tons. Haulage to partings by mules and gathering motors. Ventilation produced No. 1 mine by a 12 foot exhaust fan, steam driven, No. 2 by three foot exhaust fan, electrically driven. Plant consists of eight boilers of a total of 1400 H. P., one 500 Kw. alternating Bullock generator direct connected to a 700 H. P. Allis-Chalmers engine, also one 1000 Kw. alternating Bullock generator driven by two 700 H. P. Allis-Chalmers engines. Power is generated at No. 2 plant to supply the Kilsyth, Oswald, Graham and Tamroy mines, where it is transformed to 250 volts for use underground. The

Kilsyth mine has one sub-station at the power house and also has one underground sub-station about a mile from the drift mouth for the purpose of reducing the voltage for mine use. The high tension wires are carried over the surface and thence to the underground sub-station through a bore hole. Mining laws complied with.

THOS. NICHOL, *General Manager.* THOS. MORGAN, *Mine Foreman.*
H. H. O'NEAL, *Superintendent.* T. MARSHALL, *Asst. Foreman.*
J. SENISKO, *Asst. Foreman.*

MEADOW FORK COAL COMPANY.

NEWLYN.

No. 910. *Meadow Fork—Drift.* Located at Meadow Fork, on the C. & O. R. R., Loup Creek branch, operating the Sewell seam. Double entry system. Average thickness of coal four feet. Roof not good. Soft bottom. There are about 32 miners. Daily output 106 tons. Haulage done to main entry parting by mules, from there it is pulled by a 15 ton steam locomotive with rope attachments to the outside parting, then to incline. Length of incline 850 feet, elevation from foot of incline, 400 feet. Ventilation produced by furnace.

EDWARD THOMAS, *Manager.* HOGUE MEADOWS, *Mine Foreman.*

MOUNT HOPE COAL & COKE COMPANY.

MOUNT HOPE.

No. 911. *Baby—Drift.* Located at Mount Hope, on the Price Hill branch of the C. & O. R. R., operating the Sewell seam, double entry system. Thickness of vein five feet. Bad roof. Mining done by pick, exclusively. Haulage done by main and tail rope and eight mules; daily output 300 tons. Ventilation produced by five foot fan, steam driven.

W. E. DEEGANS, *Manager.* SAM. WALKER, *Mine Foreman.*
A. D. MOSLEY, *Superintendent.*

NEWLYN COAL COMPANY.

NEWLYN.

No. 912. *Newlyn—Drift.* Located at Newlyn, on the Loup Creek branch of the C. & O. R. R., operating the Fire Creek seam, thickness of coal two feet ten inches. Double entry system. Roof in general, good. Haulage done by mules. Average daily output about 70 tons. Monitor incline, length 700 feet. Elevation 340 feet to Monitor landing. Drainage by two h. p. Fairbanks gasoline pumps. Ventilation produced by five foot Stine disc. fan, which is run by an 8 h. p. Stover gasoline engine.

EDWARD THOMAS, *Manager.* H. P. THOMAS, *Mine Foreman.*
H. P. THOMAS, *Superintendent.*

NEW RIVER COLLIERIES COMPANY.

Sun.

General Office, 165 Broadway New York.

No. 913. *Sun Nos. 1, 2 & 3—Shaft and Slope.* Located at Sun, nine miles from Thurmond on the Loup Creek branch of the C. & O. R. R., operating the Sewell seam. Double entry system. Thickness of coal, four feet, eleven inches. Roof good and bad. Gaseous. Mining done by 123 pick miners and 33 machine miners. Average daily output 1450 tons. Haulage by five 15 ton electric locomotives and four 4 ton gathering locomotives and 38 mules.

Drainage by seventeen electric pumps and two 7 x 10 Dean steam pumps. There are 15 shot firers employed who fire all shots by electric batteries, all holes tamped with clay.

Ventilation produced by one five by 15 foot force fan and one five by 12 foot exhaust fan. Depth of shaft 150 feet, length of slope 350 feet, 26½ degree pitch. Electric safety lamps are used throughout.

F. Guiterman, *Pres. & Gen. Mgr.*
F. P. Bayles. *Asst. Gen. Mgr*
M. E. Kent, *Supt.*

Thos. Mackey, *Mine Foreman.*
Wm. Mills, *Fire Boss.*
Wm. Cope, *Fire Boss.*
Joe Sloan, *Fire Boss.*
Fred Taylor, *Fire Boss.*
Wm. Stewart, *Fire Boss.*
Clem Todd, *Fire Boss.*
John Muir, *Inspector.*
Alex Bryce. *Fire Boss.*

NICHOL COLLIERY COMPANY.

Glen Jean.

No. 914. *Nichol—Drift.* Located at Glen Jean on Loup Creek Branch of the C. & O. R. R. and K. G. J. & E. R. R., operating the Sewell Seam; double entry system. Pillars are being robbed on 7th left, 6th left and 5th left. Gaseous. The ventilation is well looked after, the stoppings are all concrete blocks. Thickness of coal five feet, six inches. Mining done by ten pick and twenty-five machine miners; daily output 400 tons. All shots are being fired by electric batteries; all holes tamped with clay. Haulage by electric motors. Ventilation produced by 10 foot Capell fan, exhausting. The mining laws fully observed and carried out.

Thos. Nichol, *Mgr.*
Stanley Spoor, *Supt.*

T. T. Lewis, *Mine Foreman.*
Thomas Mason, *Fire Boss.*

PRUDENCE COAL COMPANY.

Macdonald.

No. 915. *Prudence—Series of Drifts.* Located at Prudence, on Branch line of the Loup Creek Branch of the C. & O. R. R. at Harvey, operating the Sewell Seam which has an average thickness of four feet seven inches. Roof good and bad. The workings are chiefly pillar robbing, employing, 90 pick miners; daily output, 180 tons. Haulage by one electric motor and eight mules. Coal dumped at Prudence tipple. Natural ventilation.

S. A. SCOTT, *Genl. Mgr.* JOHN MALABONE, *Mine Foreman.*
W. S. NEAL, *Supt.*

STAR COAL & COKE COMPANY

RED STAR.

No. 916. *Star—Drift.* Located at Red Star on the Loup Creek Branch of the C. & O. R. R., operating the Sewell Seam on the double entry system. Thickness of vein, five feet.

Roof, in sections, is not good. Gaseous. Mining done by 45 pick and 35 machine miners. Haulage by main and tail rope, two motors and 14 mules. Drainage by three electrical pumps. Mine ventilated by twelve foot Capell fan, exhausting steam driven.

GEORGE JONES, *Mgr.* P. B. EVENDALL, *Mine Foreman.*
DAVID EVENDALL, *Supt.* M. E. STOKES, *Fire Boss.*
W. F. GATEWOOD, *Fire Boss.*
THOS. HOWE, *Fire Boss.*

STUART COLLIERY COMPANY.

LOCHGELLY.

No. 917. *Lochgelly—Shaft.* Located at Lochgelly nine miles west of Glen Jean on the White Oak Branch of the C. & C R. R. and Virginian R. R., operating the Sewell Seam. Depth of shaft 571 feet. Thickness of coal four feet, four inches. Roof generally not good. Mining done by eight pick and thirty-six machine miners. Daily output 300 tons. Haulage done by electric motors and mules. Only the east side is working. The west side liberates gas freely. The shaft parting has been retimbered, 85 sets of heavy timber put in. Ventilation produced by eighteen foot by seven foot, one inch exhaust fan.

S. A. SCOTT, *Genl. Mgr.* THOS H. WILDING, *Mine Foreman.*
P. C. THOMAS, *Asst. Genl Mgr.* WATKIN JONES, *Fire Boss.*
JAS. L. OSLER, *Supt.* JOHN DUGAN, *Fire Boss.*
WM. MITCHELL, *Fire Boss.*

STUART COLLIERY COMPANY.

SUMMERLEE.

No. 918. *Summerlee—Shaft.* Located at Summerlee, eight miles from White Oak Junction on the White Oak Branch of the C. & O. R. R., operating the Sewell seam, double entry system. Depth of shaft 659 1-10 feet. Thickness of coal three feet, ten inches. Roof good. Gaseous; liberating in all working places, requiring the ventilation to be kept up to the face at all times. It is also dry and dusty and has to be watered down, which is done by pipe line spray.

Mining by thirty machine miners and five pick miners.

Daily output, 300 tons.

Haulage by motors and mules.

Have recommended that safety lamps be used exclusively.

Ventilation produced by 18 foot Capell fan, exhausting.

S. A. Scott, *General Manager.*	Robert J. Wood, *Mine Foreman.*
P. C. Thomas, *Asst. Gen. Manager.*	Edward Saunders, *Fire Boss.*
J. L. Osler, *Supt.*	James Powell, *Fire Boss.*
	Thos. Webber, *Fire Boss.*
	Wm. McPherson, *Fire Boss.*

SUGAR CREEK COAL & COKE COMPANY.

Mount. Hope.

No. 919. *Sugar Creek, Nos. 1 & 2—Drifts.* Located at Mount Hope on the Loup Creek branch of the C. & O. R. R., operating the Sewell Seam.

Workings in No. 1 mine principally on the retreat, average thickness of vein 5 feet. Moderately good roof. Mining done by 25 pick miners. Daily output 170 tons. Haulage done by main and tail rope and mules. Drainage good. Ventilation produced by seven foot exhaust fan, electrically driven.

SUGAR CREEK COAL & COKE COMPANY.

Mount Hope.

No. 919-a. *No. 2 Mine.* Thickness of coal five feet six inches. Bad roof. Mining by 23 pick miners. Daily output 150 tons. The workings on the left broken into by the Baby mine of the Mount Hope Coal & Coke Company. Drainage on the right side of mine not good. Main and tail rope haulage and mules. Coal dumped ot No. 1 tipple along with No. 1 mine. Ventilation produced by five foot exhaust fan, electrically driven.

Enoch Smith, *Pres. & Mgr.*	Allen Hoffer, *Mine Foreman.*
N. S. Blake, *Supt.*	

TURKEY KNOB COAL & COKE COMPANY.

Macdonald.

No. 920. *Turkey Knob—Drift.* Located at Turkey Knob on the Loup Creek Branch of the C. & O. R. R., operating the Sewell Seam. Thickness of coal six feet. Roof not good. Very jointy and heavy draw slate. Mining done by pick miners, chiefly. On my last inspection, there were sixty pick and two machine miners. Haulage done by one 15-ton Jeffrey, one 10-ton Goodman and three 6-ton Jeffrey gathering motors and seven mules. Daily output 450 tons. Ventilation produced by 12 foot force fan. There are 100 coke ovens connected with this operation, 72 in blast.

J. E. BEURY, *Mgr.*
J. G. THAYER, *Supt.*
W. M. HAMMONDS, *Mine Foreman.*

WHITE OAK FUEL COMPANY.

CARLISLE.

General Office, Macdonald.

No. 921. *Carlisle and Oakwood—Shafts.* Located at Carlisle on the White Oak Branch of the C. & O. R. R., operating the Sewell seam. Thickness of coal three feet, nine inches. Roof good. Gaseous, and require the ventilation to be kept well up to the face at all times. Drainage only moderate. They have a squeeze on 4th Right Oakwood section where pillars are being robbed. There are 80 pick and 10 machine miners employed. Average daily output 650 tons. Haulage done by electric motors and mules. Ventilation produced by 18 foot Capell exhaust fan, steam driven.

S. A. SCOTT, *Gen. Mgr.*
P. C. THOMAS, *Asst. Gen. Mgr.*
WM. FARRELL, *Supt.*
WM. PILKINGTON, *Mine Foreman.*
WM. STEWART, *Fire Boss.*
JOE KASKANVAGE, *Fire Boss.*
WM GRADY, *Fire Boss.*
WM. DOVER, *Fire Boss.*

WHITE OAK FUEL COMPANY.

SCARBRO.

No. 922. *Scarbro & Wingrove—Shafts.* Connected, company has named them Scarbro, located at Scarbro, two miles West of White Oak Junction on the White Oak branch of the C. & O. R. R., operating the Sewell seam. Thickness of the coal on the Wingrove section three feet, ten inches, Scarbro section four feet. Gaseous, especially on the dip off Main North and requires the ventilation to be kept well up to the working faces; some sections are dry and dusty and require watering.

Mining by forty pick and 30 machine miners.

Daily capacity 600 tons at present.

The coal is all being hoisted up the Wingrove shaft, but, as soon as the new tipple and engine house are completed at Scarbro, it will be hoisted up the Scarbro shaft by a Vulcan electric hoisting engine.

The Scarbro shaft has been concreted for a distance of 85 feet and has been retimbered from top to bottom.

Five new horizontal, Aldrich, 3½ x 4 Triplex pumps have been installed for drainage.

Depth of shafts 188 feet at Wingrove and 440 feet at Scarbro.

Ventilation produced by one twenty foot Robinson force fan and one eighteen foot Capell Force Fan.

S. A. SCOTT, *General Manager.*
P. C. THOMAS, *Asst. Gen. Manager.*
THOS. D. THOMAS, *Supt.*
A. J. BARTLETT, *Mine Foreman.*
JOHN ERRINGTON, *Fire Boss.*
WILLIAM HERON, *Fire Boss.*
F. ROBERTS, *Fire Boss.*
ROBT. LAMBIE, *Fire Boss.*

WHITE OAK FUEL COMPANY.

WHIPPLE.

General Office of Company, Macdonald.

No. 923. *Whipple—Shaft. 436 5-10 feet deep.* Located at Whipple, four miles from White Oak Junction on the White Oak Branch of the C. & O. R. R., operating the Sewell Seam; average thickness of coal three feet, ten inches. Roof good. Gaseous, liberating gas freely, especially in the working places of the Rock heading section, which section, during the year, got into a very dangerous condition on account of an inflow of water which blocked the airway cutting the ventilation entirely off causing a large inestimable accumulation of gas laying the mine idle for four days. Mining done by forty pick and fifteen machine miners. Daily capacity 350 tons. Mode of haulage, electric locomotives and mules. Ventilation produced by eighteen foot Capell force fan. Have recommended that safety lamps be used exclusively in this mine.

S. A. SCOTT, *Genl. Mgr.*
P. C. THOMAS, *Asst. Mgr.*
WM. FARRELL, *Supt.*

OWEN FITZPATRICK, *Mine Foreman.*
WM. SCOTT, *Fire Boss.*
JOHN ROSTEN, *Fire Boss.*

RALEIGH.

BECKLEY COAL & COKE COMPANY.

WICKHAM.

No. 924. *Beckley—Slope.* Located at Wickham on the Piney Branch of the C. & O. R. R., operating the Sewell Seam. Double entry system; thickness of coal four feet. Roof good and bad. Sixty-three pick and nine machine miners produce, daily, 400 tons.

A new Allis-Chalmers, electric motor driven, endless rope engine installed for rope haul. One new twenty-ton Jeffrey locomotive installed. Main Dip entry has been laid with 40 lb. steel a distance of 2000 feet. Three Synchronous Motor Generator Sets installed. Ventilation produced by a ten foot force fan, steam driven.

S. A. SCOTT, *Genl. Mgr.*
W. E. GRIFFITHS, *Supt.*

J. H. COOPER, *Mine Foreman.*
J. A. DAVIS, *Fire Boss.*

BLUE JAY COAL & LUMBER COMPANY.

GLEN MORGAN.

No. 925. *Blue Jay No. 4—Series of Drifts.* Located at Glen Morgan on the Piney Branch of the C. & O. R. R., operating the Beckley Seam, average thickness of coal four feet, eight inches. Bad roof, drainage good. Connected with the old workings of No. 4, next to the crop. Natural ventilation giving moderate results. Daily capacity 80 tons.

P. C. LYNCH, *Mgr.*

B. W. COLLINS, *Mine Foreman.*

CRANBERRY FUEL COMPANY.

CRANBERRY.

No. 926. *Cranberry and Prosperity—Shafts.* Located at Cranberry six miles from Beckley, on the P. R. & P. C. R. R., branch line of the C. & O. R. R. at Beckley Junction, operating the Sewell Seam. Thickness of coal four feet, four inches. Roof not good. Fifty-five pick and sixteen machine miners. Daily output 550 tons.

A new fan is being installed, Jeffrey high speed, electrically driven, which will be put up in a brick and steel building, absolutely fire proof. At present, the mine is ventilated by 18 x 7 Capell fan.

S. A. SCOTT, *Genl. Mgr.* WM. BLADE, *Mine Foreman.*
P. C. THOMAS, *Asst. Gen. Mgr* ROBERT FOSTER, *Fire Boss.*
W. E. GRIFFITHS, *Supt.* WM. STRAUSS, *Fire Boss.*

CRANBERRY FUEL COMPANY.

SPRAGUE.

No. 927. *Sprague—Slope.* One mile from Beckley on the P. R. & P. C. R. R., operating the Sewell Seam, double entry. Thickness of coal three feet, eight inches. Mining done by sixty pick and ten machine miners, daily output 500 tons. The roof in this mine is not good. Heavy draw slate. The company intends to install a new Jeffrey Centrifugal Fan Motor driver, also to erect a fire proof brick and steel building for the fan house. At present, the ventilation is produced by an eight foot exhaust fan, giving only moderate results.

S. A. SCOTT, *Genl. Mgr.*
P. C. THOMAS, *Asst. Genl. Mgr.*
W. E. GRIFFITHS, *Supt.* W. S. FINK, *Mine Foreman.*

LANARK COAL COMPANY.

LANARK.

No. 928. *Lanark—Drift.* Located at Lanark, operating the Sewell Seam. Thickness of coal four feet.

The roof is bad and requires careful and close posting. Mining done by twenty-five pick miners.

Haulage by one 7½-ton locomotive and five mules.

Daily output 150 tons. Drainage moderately good. Ventilation produced by seven foot steam fan, exhausting, electrically driven.

J. B. LAING, *Mgr.* G. C. MAYNOR, *Mine Foreman.*
A. E. EASTON, *Supt.*

MABSCOTT COAL & COKE COMPANY.

MABSCOTT.

No. 929. *Mabscott No. 1 & 2—Drifts connected.* Located at Mabscott on the Piney Branch of the C. & O. R. R. 16 miles west of Prince, operating the Sewell Seam. Thickness of coal four feet. Bad jointy roof, heavy draw slate and requires careful and close posting. Mining by seventy-six pick miners, producing daily, 500 tons. Haulage by motors and mules. Drainage moderately good. Ventilation produced by one five foot booster fan and one eight foot exhaust fan, electrically driven.

S. A. SCOTT, *Genl. Mgr.*
P. C. THOMAS, *Asst. Genl. Mgr.*
W. E. GRIFFITHS, *Supt.* JOHN BURNS, *Mine Foreman.*

McKELL COAL & COKE COMPANY.

OSWALD.

No. 930. *Graham Nos. 1 and 2—Drifts.* Located at Graham, on the K. G. J. & E. R. R., operating the Sewell Seam. Double entry system. Thickness of coal four feet, ten inches. Roof not good. This mine is practically damp throughout. Mining done by twenty-five pick and eighteen machine miners, daily output 300 tons. Haulage done by 10 mules and electric locomotives. Power is furnished from the Kilsyth central power station and is transformed to 250 volts for use underground. Ventilated by nine foot Capell fan, electrically driven. Mining laws fully observed.

THOS. NICHOL, *Genl. Mgr.* G. C. STONE, *Mine Foreman.*
C. G. WOOD, *Supt*

McKELL COAL & COKE COMPANY.

OSWALD.

No. 931. *Oswald, 1, 2, 3, & 4—Series of Drifts.* Located at Oswald on the K. G. J. & E. R. R., operating the Sewell Seam Double Entry System. Non-gaseous. Roof in general not good. Average thickness of coal four feet, six inches. Mining done by sixty-two pick and twenty-eight machine miners. Daily out-put 600 tons, all of which is shipped as screened coal. The coal is separated in a steel tipple on Shaker Screens. No. 1 and 3 mines ventilated by two 11 foot fans, No. 2 and 4 mines ventilated by two three foot fans, electrically driven. The company's officials fully comply with the mining laws.

THOS. NICHOL, *Genl. Mgr.* R. M. O'DELL, *Mine Foreman.*
W. R. BALLARD, *Supt*

McKELL COAL & COKE COMPANY.

TAMROY.

No. 932. *Tamroy—Drift.* Located at Tamroy on the K. G. J. & E. R. R., operating the Sewell Seam Non-gaseous Thickness of coal four feet, six inches Bad jointy roof. Drainage good. Mining done by twenty-five pick and twenty-five machine miners, producing daily output of 500 tons. Haulage is done by electric locomotives. Ventilated by a twelve foot Capell fan, driven by a Westinghouse Synchronous Motor. Current is furnished from the Kilsyth central power station, being transformed to 250 volts underground.

A steel tipple is in use at this place with Shaker Screens electrically driven. Mining laws complied with.

THOS. NICHOL, *Genl. Mgr.* IRA J. BOYD, *Mine Foreman.*
C. G. WOOD, *Supt*

NEW RIVER COLLIERIES COMPANY.

ECCLES.

General Office, 165 Broadway, New York, N. Y.

No. 933. *Eccles 3 & 3—Shafts.* Located at Eccles on the Virginian R. R., 37 miles East of Deepwater, operating the Beckley seam. Thickness of coal, seven feet six inches. Roof is generally good. Gaseous, especially on the Dip and North sections. Mining is done both by pick and machine miners. Shot firers, are employed, who fire all shots after all other men are out of the mine.

Electric safety lamps are used by the workmen throughout the entire mine. Depth of shaft, from surface to the Beckley landing, 488 feet. Haulage done by one 13 ton Westinghouse and one 13 ton General Electric locomotive and six 5-ton Goodman gathering locomotives. Two Jeffrey shortwall mounted coal cutting machines are used. Drainage, pumps, 2 steam and 13 electric. Average daily output 800 tons. Ventilation produced by 18 x 7 foot, 6 inches Capell force fan.

F. GUILTERMAN, *Pres. & Gen. Mgr.* OSCAR KEPHART, *Mine Foreman.*
F. P. BAYLES, *Asst. Gen. Mgr.* GEO. W. SCOTT, *Fire Boss.*
M. E. KENT, *Supt.* ARTHUR BARRETT, *Fire Boss.*
THOS. DONELSON, *Supt.*

General Office, 165 Broadway, New York.

NEW RIVER COLLIERIES COMPANY.

ECCLES.

No. 934. *Eccles 5 & 6—Shafts.* Located at Eccles three fourths of a mile North-east of No. 3 and 4 on the Virginian R. R., sunk to the Beckley seam.

No. 5 mine operating the Beckley seam. Thickness of coal, average seven feet, six inches. Roof good and bad. Gaseous; all working places liberating gas. On the 28th day of April a disastrous explosion occurred, caused by a short circuit being made on the left entry driven off the upper part of 10 room off South aircourse, causing the loss of 174 lives in No. 5 and 9 lives in No. 6. Much damage was done by the explosion from the shaft throughout the entire mine. Mining was done by both pick and machines. Dry and dusty and require every attention in watering down. Depth of shaft from surface to Sewell 256 feet, from surface to Beckley landing 526 feet. Mode of hauling, one 13 ton Westinghouse and one 6 ton Goodman electric motor, and five 5 ton Goodman gathering motors; mining machines 4 Jeffrey shortwalls and one Pneumelectric puncher.

Drainage by two No. 10 Cameron Steam Relay pumps, six electric pumps and four Curtis gathering and sprinkling pumps.

Previous to the explosion, the average daily capacity was 900 tons. Since the disaster, all the airways have been enlarged and cleaned up of all slate, also, No. 6 shaft guides have been put in from surface to Beckley landing and cage equipment to hoist or lower men to No. 5 in case of emergency. Ventilation produced by 18 x 7 feet, 6 inches Capell force fan.

No. 6 is connected with No. 5 operating the Sewell seam. Average thickness of coal 4 feet, six inches. Roof good on the North and South sections. Previous to the explosion in No. 5, the daily output was 500 tons. Haulage by one 13-ton Westinghouse locomotive and four 5-ton gathering electric motors. Drainage by one steam and six electric pumps. Mine is ventilated by No. 5 force fan. Safety lamps used exclusively throughout.

F. GUITERMAN, *Pres. and Gen. Mgr.*
F. P. BAYLES, *Asst. Genl. Mgr.*
THOS. DONELSON, *Supt.*
BUD HAZLETT, *Mine Foreman.*
WM. NICHOLSON, *Mine Foreman No. 5.*
J. S. PHILLIPS, *Fire Boss No. 5.*
JOE ALSOP, *Fire Boss, No. 5.*
J. H. GARDNER, *Fire Boss No. 5.*
FRANK BARRETT, *Mine Foreman, No. 6.*
JOSEPH PINDUR, *Fire Boss No. 6.*
JACK SCOTT, *Fire Boss, No. 5.*

PEMBERTON COAL & COKE COMPANY.

AFFINITY.

No. 935. *Affinity—Slope and shaft.* Located at Affinity on Soak Creek on the Winding Gulf Branch of the Virginian R. R., operating the Beckley Seam. Average thickness of seam three feet. Roof not good. Mining done by coal cutting machines. There are 30 miners employed; daily output 300 tons. Haulage done by 4 electric motors. Power generated by 150 K. W. generator. Ventilation produced by a 10 foot Jeffrey force fan. Mining Laws fully complied with.

W. A. PHILLIPS, *Gen'l Mgr.*
G. A. HINTERLEITNER, *Supt.*
D. W. MILLER, *Mine Foreman.*

PEMBERTON FUEL COMPANY.

PEMBERTON.

No. 936. *Pemberton Fuel—Drift.* Located at Pemberton on Soak Creek, branch line of the Piney Branch of the C. & O. R. R., operating the Beckley Seam, double entry system, thickness of vein four feet. Roof good. Mining done by 28 pick miners producing daily output of 200 tons. Mine ventilated by furnace. Haulage done inside by mules.

P. E. LILLY, *Supt.*
E. B. HURT, *Mine Foreman.*

PINEY MINING COMPANY.

STANAFORD.

No. 937. *Piney Nos. 1 and 2—Drifts.* Located at Stanaford on the Piney Branch of the C. & O. R. R., operating the Beckley Seam double entry system. Thickness of coal 5 feet, 4 inches. Roof good. Liberate gas from the coal and feeders giving off gas from the bottom. Drainage—a tunnel was driven 3000 feet to main sump, all water being handled to main sump by an electrically driven draining pump. There are employed 80 pick and 13 machine miners. Haulage done by 23 mules and 3 electric motors. Daily output 600 tons. Length of incline, 1200 feet. Ventilation produced by 8 foot Sirocco fan 60 H. P. motor. Permissible powder used exclusively and mining laws fully observed.

JAMES STIRRAT, *Mgr.* MIKE CAMPBELL, *Mine Foreman.*
BEN. GUY, *Fire Boss.*

PINEY MINING COMPANY.

RILEY.

No. 938. *Piney Number 3—Drift.* Located at Riley, one mile west of Stanaford and four miles north-east of Beckley, operating the Sewell Seam. Thickness of coal 4 feet, 4 inches. Roof not good. Mining done by 35 pick miners. Average daily output 200 tons. Inside haulage done by 8 mules and one electric motor. Ventilation produced by 8 foot Thayer fan, motor driven. Outside haulage done by 16 ton Porter Steam locomotive, one and three fourth miles down Knob Branch, and also by 7-ton motor around the mountain to incline which is 800 feet long. Coal is dumped at No. 4 tipple. Mining laws complied with.

JAMES STIRRAT, *Mgr.* THOS. CARLIN, *Mine Foreman.*

PINEY MINING COMPANY.

RILEY.

No. 939. *Piney No. 4—Drift.* Located at Branch on the Piney Branch of the C. & O. R. R., operating the Beckley Seam. Thickness of coal 4 feet, 6 inches Good roof Drainage good Mining done by 50 pick miners. Haulage by 15 mules and one electric locomotive. 500 volts. Permissible powed used exclusively. This mine is ventilated by No. 1 fan. Length of plane 1800 feet.

Mining laws fully observed.

JAMES STIRRAT, *Mgr.* FRANK, MCCAIN, *Mine Foremen.*

PRICE HILL FUEL COMPANY.

PRICE HILL.

No. 940. *Price Hill—Shaft.* Located at Price Hill, two and one-half miles from Macdonald on Price Hill Branch of the C. & O. R. R.

Operating the Sewell Seam on the double entry system, employing 12 men inside. Ventilation is produced by an 18 x 7½ foot fan.
P. C. THOMAS, *Supt.*

RALEIGH COAL & COKE COMPANY.

RALEIGH.

No. 941. *Raleigh Nos. 1, 2 & 4—Drifts.* Located at Raleigh on the Piney Branch of the C. & O. R. R., operating the Beckley Seam. Number 1 Mine on the double entry system, thickness of coal 4 feet, 6 inches. Roof good. Mining done by 40 pick and 5 machine miners, producing daily output of 250 tons. Haulage done by two 5 ton motors, drainage by 7 pumps. Ventilation produced by 12 foot steam Jeffrey force fan.

RALEIGH COAL & COKE COMPANY.

RALEIGH.

No. 941-a. *No. 4 Mine:* The workings of this mine are on the double and tripple entry systems. Thickness of coal 4 feet 6 inches. Roof in general not good. The grades in this mine are heavy and changeable. Drainage not good. Mining done by 3 pick and 8 machine miners. Daily output 50 tons. Haulage done by motor. Ventilation produced by 6 foot fan, exhausting, electrically driven. Coal from Nos. 1 and 4 dumped at No. 1 tipple.
ERNEST CHILSON, *Genl. Mgr.* T. L. CONWAY, *Mine Foreman.*
J. P. WHITE, *Supt.*

RALEIGH COAL & COKE COMPANY.

RALEIGH

General Office, Raleigh.

No. 942. *Raleigh No. 3—Drift.* Located at Raleigh, 15 miles West of Prince on the Piney branch of the C. & O. R. R., operating the Beckley seam. Thickness of coal 4 feet, 6 inches. Roof good, mining done by both pick and machine miners. Average daily output 800 tons. The grades in this mine are heavy and changeable. Drainage good. On my last inspection, recommended that they have more splits in ventilating current to comply with the mining laws. This mine is connected with Raleigh No. 1 and ventilated by the fan at No. 1. Coal dumped at No. 3 tipple.
ERNEST CHILSON, *Genl. Mgr.* EDWARD VACHERESSE. *Mine Foreman.*
JAS. P. WHITE, *Supt.*

RALEIGH COAL & COKE COMPANY.

MABSCOTT.

No. 943. *Raleigh No. 5—Drift.* Located at Mabscott. 16 miles west of Prince on the Piney Branch of the C. & O. R. R., operating the Sewell

Seam, double entry system; thickness of coal 5 feet; bad roof. Mining done by 14 pick miners, producing 50 tons daily. Haulage by mules; drainage only moderate. Ventilation produced by 5 foot force fan, electrically driven. Mining laws complied with.
E. Chilson, *General Manager* F. R. Clark, *Mine Foreman.*
J. P. White, *Superintendent.*

RALEIGH COAL & COKE COMPANY.

Raleigh.

General Office, Raleigh.

No. 943-a. *Raleigh No. 6—Drift.* With a series of openings, located at Raleigh, on Piney creek, branch line of the Piney branch of the C. & O. R. R., operating the Beckley seam; thickness of coal 5 feet. Roof good and bad. Mining done by 69 pick and 19 machine miners, producing average daily output of 1000 tons. Haulage by electric motors. Drainage good. Ventilation produced by one 10 and one 11 foot force fans, steam driven. Ventilation moderately good.
E. Chilson, *General Manager.* Frank Clark, *Mine Foreman.*
J. P. White, *Superintendent.*

ROYAL COAL COMPANY.

Prince.

No. 944. *Royal—Drift.* Located at Royal, branch line of the Piney branch of the C. & O. R. R., operating the Fire Creek seam, on the double entry system. Thickness of coal 3 feet. Good roof; 20 miners employed. Daily output 60 tons. Haulage done by mules. Drainage moderately good. Natural ventilation. This mine was idle for several years until taken over by the present company, which commenced to ship coal January 15th, 1914. Monitor, incline length 2000 feet.
E. E. Huddleston, *Superintendent & Mine Foreman.*

SLAB FORK COAL COMPANY.

Slab Fork.

Nos. 945-6. *Slab Fork Nos. 2, 3, 5, 6 & 7—Drifts.* Located at Slab Fork, on the Virginian R. R., operating the Beckley seam.

SLAB FORK COAL COMPANY.

Slab Fork.

No. 2 Mine. Working on the double entry system, average thickness of coal 4 feet 4 inches. Roof not good. Heavy jointy draw slate; 33 miners employed; haulage done by motors and mules; drainage good. This is a gaseous mine. Some sections of the mine are very dry and dusty and require watering down frequently. Mine ventilated by 8 foot fan, electrically driven, exhausting. Daily output 275 tons.

SLAB FORK COAL COMPANY.

SLAB FORK.

No 945-b. No. 3 Mine. Working on the double entry system, average thickness of coal 4 feet 6 inches; moderately good roof. Mining done by both pick and mining machines; 70 miners employed and 53 day hands inside. This mine liberates gas in places. Daily output 560 tons. Mine ventilated by one 8 foot fan and one booster, both electrically driven. Drainage good.

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 945-c. No. 6 Mine. Working on the double entry system. Thickness of coal 3 feet 8 inches. Roof not good. Only 2 miners employed, driving main entry and air-course only, by pick work. Natural ventilation. Daily output 10 tons.

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 945-d. No. 7 Mine. Working on the double entry system. Thickness of coal 3 feet 8 inches. Good roof. Two miners employed. Pick work. Haulage done by mules. Drainage good. Mine ventilated by 8 foot fan, electrically driven. Daily output 10 tons.

SLAB FORK COAL COMPANY.

SLAB FORK.

No. 945-e. No. 5 Mine. Working on the double entry system. Average thickness of coal 4 feet 4 inches. Mining done by both pick and machine; 69 miners employed and 37 inside day men. Haulage done by motors and mules. Daily capacity 450 tons. Drainage good. No gas detected in any of the working places. Mine ventilated by 5 foot fan, electrically driven. The coal is dumped at No. 5 tipple.

The coal from Nos. 2, 3, 6 and 7 mines all dumped at No. 2 tipple.

W. G. CAPERTON, *Mgr.*
W. M. WARWICK, *Supt.*

H. R. NEAL, *Mine Foreman No. 2.*
WM. WATTIS, *Fire Boss No. 2.*
FRED WEBB, *Mine Foreman No. 3.*
WM. WATTIS, SR., *Fire Boss No. 3.*
JOHN SWEENEY,
Mine Foreman No. 5.
W. F. COOK,
Mine Foreman Nos. 6 & 7.

STONEWALL COAL & COKE COMPANY.

STONEWALL.

No. 947. *Stonewall No. 2—Drift.* Located at Stonewall, on the Piney

branch of the C. & O. R. R., operating the Fire Creek seam; thickness of coal 3 feet. There are only 8 pick miners working; daily output 20 tons. Ventilation produced by 5 foot fan, driven by gasoline engine. The company intends to abandon the mine in the near future.
F. M. LEE, *General Manager.* FARMER LYTTON, *Mine Foreman.*

STONEWALL COAL & COKE COMPANY. ..

TERRY

No. 948. *Terry Nos. 1 & 4—Drifts.* Located at Terry, branch line of the Piney branch of the C. & O. R. R., operating the Fire Creek seam. No. 1 is a gaseous mine; average thickness of coal 4 feet. Good roof. Sixty pick miners employed. Daily output 350 tons. Haulage done by electric motors. Voltage 500. Ventilation produced by two fans, one 7 foot and one 5 foot electrically driven.

STONEWALL COAL & COKE COMPANY.

TERRY.

No. 948-a. *No. 4 Terry.* Operating the Fire Creek seam. Thickness of coal 3 feet 2 inches. Good roof. Have not detected gas in this mine; 18 pick miners employed; daily output 75 tons. Ventilation produced by 5 foot fan, electrically driven. The coal from Nos. 1 and 4 runs down monitor incline to tipple. Length of incline 1550 feet.
F. M. LEE, *General Manager.* W. H. CROSS, *Mine Foreman.*
L. L. BARRETT, *Fire Boss.*

SULLIVAN COAL & COKE COMPANY.

SULLIVAN.

No 949. *North.* Series of drift openings, (last year's report were classed 3, 4 & 5 North Mines.) Located at Sullivan, on the north side of Takein branch, operating the Beckley seam; double entry system; thickness of coal 4 feet 6 inches, faulty and troubled with rolls. Pillars are being drawn on 5th north section. Mining by 75 pick miners, producing daily output of 250 tons; haulage by electric motors and mules. Drainage and ventilation good. The coal from these openings dumped along with South at the one tipple. Ventilation produced by one 8 and one 5 foot fan, both exhausting. Mining laws complied with
J. A. WOOD, *Manager.* R. L. CREWS, *Mine Foreman.*

SULLIVAN COAL & COKE COMPANY.

SULLIVAN.

No. 949-a. *South.* Series of drift openings, connected with the Main South, located at Sullivan, on the Piney branch of the C. & O. R. R., operating the Beckley seam. Thickness of coal 4 feet. Roof good. Work chiefly pillar robbing, troubled with rolls and faults. The Main South Section has not been working for a long time. Mining by 25 pick miners, daily output 100 tons. Haulage by electric motors. Ventilation produced by 8 foot fan, electrically driven.

J. A. WOOD, *Manager.* R. L. CREWS, *Mine Foreman.*
L. E. THOMPSON, *Asst. Mine Foreman.*

B. H. WHITE.

BECKLEY.

No. 950. *Combs—Drift.* Located at Beckley, on the P. R. & P. C. R. R., branch of the C. & O. R. R., at Beckley Junction, operating the Sewell seam. Double entry system. Thickness of coal 3 feet 4 inches. Roof not good. Pick mining exclusively, average daily output 50 tons. Ventilation produced by furnace.

B. H. WHITE, *Manager.* J. T. BOALT, *Mine Foreman.*

E. E. WHITE COAL COMPANY.

GLEN WHITE.

No. 951. *E. E. White Nos. 1 & 2—Shafts.* Located at Glen White, branch of the Virginian R. R., operating the Beckley seam. Gaseous liberating gas freely in sections both in Nos. 1 and 2, requiring every attention to see that the ventilation is kept well up to the faces at all times. Average thickness of vein 5 feet 8 inches. Roof good and bad. Mining done by 140 pick and 25 machine miners. Haulage by six 6 ton Westinghouse and four 10 electric motors. Daily capacity 1000 tons. Drainage by two steam and 4 electric pumps. Six phones in the mine. Ventilation produced by 24 foot Guibal fan, exhausting, steam driven; depth of shaft, 309 feet.

E. E. WHITE, *Superintendent.* F. J. MCHUGH, *Mine Foreman.*
CHAS. KLUGER, *Fire Boss.*
GUS PILLINGS, *Fire Boss.*
B. F. WRISTON, *Fire Boss.*

WOOD PECK COAL COMPANY.

SULLIVAN.

No. 952. *Wood Peck—Drift.* Located at Sullivan, Main Piney creek, of the C. & O. R. R., operating the Beckley seam. Double entry. Thickness of coal 4 feet 3 inches. Mining done by 30 pick miners. Daily capacity 150 tons. Roof good. This is a damp mine throughout. Haulage by main and tail rope and mules. Ventilation produced by 6 foot exhaust fan, steam driven. Mining laws complied with.

FRANK BEARD, *Mine Foreman.*

WRIGHT COAL & COKE COMPANY.

PACK.

No. 953. *Wright No. 1—Drift.* Located at Wright, on the Piney branch

of the C. & O. R. R., operating the Fire Creek seam. Thickness of coal 3 feet 6 inches; good roof; 40 pick and 8 machine miners employed, producing daily output of 175 tons. Haulage done by 2 electric motors. Some parts of this mine are very dry and dusty and require watering. Ventilation produced by one 6 and one 7 foot fans. Voltage 250. Coal is run down motor incline to tipple; length of incline 1350 feet.
F. M. LEE, *General Manager.* P. J. McQUADE, *Mine Foreman.*

WRIGHT COAL & COKE COMPANY.

PACK.

No. 954. *Wright Nos. 2 & 3—Drifts.* Operating the Fire Creek seam; thickness of coal 3 feet 6 inches; roof good; 40 pick miners employed; daily output 250 tons. Some sections on the left of No. 2 main entry are dusty and require watering down frequently. Drainage good. Haulage done inside by main rope and mules. Steam locomotive runs the coal from the outside parting to monitor incline; length of incline to tipple 1350 feet. Ventilation is produced by an 8 foot fan, steam driven, and furnace.
F. M. LEE, *General Manager.* F. BROWN, *Mine Foreman.*

TENTH DISTRICT

GENERAL SUMMARY FOR THE TENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs.	Tons of 2,000 lbs.
McDowell (part) ..	22	28	1,087	980	85	840	2,992	532	315	847	3,839	3,285,518	244,593
Mercer	33	12	1,169	575	87	847	2,678	501	247	748	3,426	2,850,499	196,650
Raleigh (part)	20	15	395	371	72	495	1,333	236	...	236	1,569	1,5116,62	......
Wyoming	2	1	34	......	...	9	43	10	...	10	53	39,789	....
Totals	77	56	2,685	1,926	244	2,191	7,046	1,279	562	1,841	8,887	7,687,468	441,243

OFFICE OF TENTH DISTRICT MINE INSPECTOR.

BRAMWELL, July 11, 1914.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston.

DEAR SIR:—I herewith respectfully submit to you my annual report as Inspector of the Tenth District for the year ending June 30th, 1914.

This district is composed of part of McDowell, Mercer, Wyoming and part of Raleigh.

The depressed condition of the coal market has caused the mines in this district to run on short time for the greater part of the past year.

The majority of the mines in this district are operating in the No. 3 Pocahontas seam, with some few in the Beckley seam.

The greater part of the roof in this district is very dangerous. I am pleased to report that a large percentage of operators throughout the district keep their mines in a good sanitary condition.

There are installed steam radiators, steam lines, water lines and salt is used, in a good many places, to keep the mines moist.

I find a good many mines in this district equipped with first aid services, with splints, bandages, and other necessary articles on hand.

I take pleasure in stating that I have received very courteous treatment and the co-operation of both operators and mine officials, while on my duty during the term which I have served, for which I publicly desire to extend my thanks.

In conclusion I wish to thank the head of the Department for the able assistance which has been rendered me during my term of service.

Respectfully submitted,

ISAAC MURRAY,
Inspector of the Tenth District.

NEW MINES.

Trace Fork Coal Company, No. 3 Pocahontas Seam, Raleigh County.

Extra Pocahontas Coal Company, No. 3 Pocahontas Seam, McDowell County.

Modoc Coal Company, No. 3 Pocahontas Seam, Mercer County.

ABANDONED MINES.

Mill Creek West Mine, No. 3 Pocahontas Seam, Mercer County.

CHANGES IN NAMES OF COMPANIES.

Wenonah Coal & Coke Company, succeeded by Turkey Gap Coal Company.

Spring Coal Mining Company, succeeded by Solvay Collieries Company.

Hiawatha Coal & Coke Company, succeeded by Ennis Coal Company.

McDOWELL.

ALGOMA COAL & COKE COMPANY.

ALGOMA.

No. 1001. *Piney.* Located on Buzzard creek, on the North Fork branch line of the N. & W. R. R., drift, operating in the No. 3 Pocahontas seam. Gives employment to 165 men. Ventilation is produced by a 7 foot fan, giving ample ventilation throughout. The current is divided into two separate splits. The coal is mined by electric machines and picks. Haulage is done by motors and mules. Generates small traces of fire damp, which is well taken care of. These traces are found in the advanced workings. Drainage, stoppings and timbering good; clay is used for tamping, and the requirements of the law are well complied with.

W. J. BERRY, *Gen. Mgr.*	J. F. LOGAN, *Mine Foreman.*
J. J. HUDDLESTON, *Supt.*	GUY TAYLOR, *Asst. Foreman.*

ALGOMA COAL & COKE COMPANY.

ALGOMA.

No. 1001-a. *Stone Bank—Drift.* Located on Burk creek, one-fourth mile from North Fork, operating in the No. 3 Pocahontas seam, giving employment to 35 men, producing 200 tons of coal per day; natural ventilation, but a fan is being installed. On the retreat, which makes it very dangerous. On my last inspection, this mine was very wet, in some sections. Roof is poor, but is kept well timbered; clay is used for tamping, rules are posted, and the requirements of the law well complied with.

W. J. BERRY, *Gen. Mgr.*	J. F. LOGAN, *Mine Foreman.*
J. J. HUDDLESTON, *Supt.*	GUY TAYLOR, *Asst. Foreman.*

ARLINGTON COAL & COKE COMPANY.

MCDOWELL.

No. 1002. *Arlington.* Located on the North Fork branch, four miles from North Fork, operating in the No. 3 Pocahontas seam, employing 126 men inside. Ventilation is furnished by an 18 foot fan, giving good results and is divided into two separate splits. The coal is mined with picks, haulage is done with electric motors and mules, drainage and timbering good. Salt and water are used to keep the mine in a moist condition. Sufficient amount of timber is always kept on hand. Clay is used for tamping; rules are posted. Stretchers, safety lamps, record books and all necessary supplies are always kept on hand to meet the requirements of the laws.

MORRIS WATTS, *Gen. Mgr.*	W. NORRIS, *Mine Foreman.*
	C. H. CLARK, *Asst. Foreman.*

ASHLAND COAL & COKE COMPANY.

ASHLAND.

No. 1003. *Ashland—Drift.* Located 6 miles from the North Fork Junction, operating in the No. 3 Pocahontas seam and employs at present 107 inside persons, producing 900 tons per day. Ventilation is produced by a 16 foot fan, giving good results, being conducted through the mine in three currents. Haulage is done by mules and electric motors. Coal is mined with electric machines and picks; clay is used for tamping. The roof is very good, drainage and timbering good. The laws are well complied with.

D. PHILLIPS, *Gen. Mgr.*	H. H. HONAKER, *Mine Foreman.*
T. J. O'NEIL, *Supt.*	E. L. HONAKER, *Asst. Mine Foreman.*
	W. COLBETT, *Asst. Mine Foreman.*
	J. H. HALLOWAY, *Mine Foreman.*

ASHLAND COAL & COKE COMPANY.

MCDOWELL.

No. 1003-a. *Monitor—Drift.* Operating the No. 3 Pocahontas seam, in the same lease as the Ashland mine, being connected. This mine is employing 40 men at present inside; owing to the depressed condition in trade, they are not working in full. Ventilation, produced by a 20 foot fan, is ample. The coal from this and the Ashland mine, is dumped at the same tipple, is cut by electric machines, air punchers and picks. Haulage is done by electric motors and mules. Clay is used for tamping, kept in a good moist condition by the use of salt and water. Roof and timbering good, and the laws well complied with.

D. PHILLIPS, *Gen. Mgr.* **J. H. HALLOWAY, *Mine Foreman.***
T. J. O'NEIL, *Supt.* J. A. GREER, *Asst. Foreman.*
J. C. HAMBLETT, *Asst. Foreman.*

ELKHORN COAL & COKE COMPANY.

MAYBEURY.

No. 1004. *Elkhorn—Drift.* Located on the main line of the N. & W. R. R., seam is 7 feet 10 inches thick and is in the No. 3 Pocahontas. The roof is very dangerous in some parts of the mine, but is kept well timbered; the ventilation is produced by a 16 foot fan, the current being divided into five separate splits, giving good results. Haulage is done by steam locomotives and mules; clay is used for tamping; rules are posted and the laws well complied with.

R. S. ORD, *Gen. Mgr.*
J. R. LITTLE, *Superintendent.* T. L. LITTLE, *Mine Foreman.*

ELK RIDGE COAL & COKE COMPANY.

NORTH FORK.

No. 1005. *Elk Ridge Nos. 1 & 2.* Located one mile from North Fork, operating in the No. 3 Pocahontas seam, giving employment to 130 men; the coal is 7 feet 10 inches thick and has a dangerous draw slate over it Mostly working pillars, there only being a small percentage of solid coal left on the lease. Timbering is done by timbermen; ventilation is produced by two 16 foot fans, giving ample ventilation. Haulage is done by steam locomotives and mules, all stoppings are made of concrete, drainage and timbering in good condition; clay is used for tamping; rules are posted and the laws well complied with.

L. E. TIERNEY, *Gen, Mgr.* J. T. TRAIL, *Mine Foreman.*
M. J. HARRIS, *Superintendent.* M. J. CRICKMAN, *Asst. Foreman.*

FORTUNE HUNTER COAL COMPANY.

NORTH FORK.

No. 1006. *Fortune Hunter—Drift.* Located at North Fork, operating in the No. 3 Pocahontas seam. Ventilation is produced by a 3 foot fan, giving good results. The coal at this place is 7 feet high. This mine is on the retreat; has a very frail roof, but is kept well timbered; sufficient amount of timber is kept on hand. Very wet, owing to breaks in the mountains. Gives employment to 24 men; mule haulage; rules are posted, and the laws well observed.

J. W. WILCOX, *Gen. Mgr.* T. W. GAULTNEY, *Mine Foreman.*

GILLIAM COAL & COKE COMPANY.

GILLIAM.

No. 1007. *Gilliam.* Located on the North Fork branch, two miles from North Fork, drift, operating in the No. 3 Pocahontas seam, gives employment to about 168 persons. Ventilation is produced by an 18 foot fan, the air being divided into three different splits, giving good results. The coal is being mined with picks and machines. Haulage is done with motors and mules. Produces about 1000 tons of coal per day. The mine is kept moist by the use of salt and water. Drainage and roof are kept in good condition. Clay is used for tamping and rules are posted. All other requirements of the law well complied with.

MORRIS WATTS, *Gen. Mgr.* T. E. WELDON, *Mine Foreman.*

GREENBRIER COAL & COKE COMPANY.

McDOWELL.

No. 1008. *Greenbrier—Drift.* Located about 5 miles from North Fork, on the North Fork branch line, in the No. 3 Pocahontas seam, being 5 feet 6 inches high, 112 men being employed, producing an average of about 700 tons of coal per day. The coal is mined with picks. Haulage is done with motors and mules. Ventilation is produced by a 13-foot fan, the current being divided into three separate splits, giving good results. Drainage and timbering in good condition. Clay is used for tamping, and rules are posted, and the laws are being well complied with.

JARIUS COLLINS, *Gen. Mgr.* W. H. MARTIN, *Mine Foreman.*
C. A. HUFFMAN, *Fire Boss.*

INDIAN RIDGE COAL COMPANY.

WORTH.

No. 1009. *Indian Ridge.* Located about 4 miles from North Fork, on a branch line of the N. & W. R. R., drift, operating in the No. 3 Pocahontas, with an average of about 5 feet of coal. Ventilation is produced by a 9 foot fan, the current being divided into three separate splits, giving good results. Haulage is done by electric motors and mules. Gives employment to about 128 persons, producing 900 tons of coal per day. Kept moist by the use of salt and water. Roof, drainage and timbering good. Clay is used for tamping; rules are posted, and the requirements of the law well complied with.

A. D. RICE, *Superintendent.* THOS. B. WHITE, *Mine Foreman.*
GEO. GIBSON, *Mine Foreman.*
BROOKS BOWEN, *Asst. Foreman.*

McDOWELL COAL & COKE COMPANY

McDOWELL.

No. 1010. *McDowell.* Located at McDowell, 4 miles from North Fork, on the branch line of the N. & W. R. R. Drift operating in the No. 3

Pocahontas seam, which is 5 feet high, with a dangerous draw slate over the coal, the roof above this being good. Employs about 170 men and produces about 1800 tons per day. Ventilation is produced by a 17 foot fan, the air being distributed through the mine by five different currents, giving ample ventilation throughout. The largest percentage of the coal is mined with picks. A new electric mining machine, of the Jeffrey type, which cuts near the top, has been installed. Haulage is done by electric motors and mules. Stoppings, drainage, timbering in good condition. Clay is used for tamping. The laws are well complied with.

EDWARD COOPER, *Gen. Mgr.*	E. W. RICE, *Mine Foreman.*
	R. P. COWAN, *Asst. Foreman.*
	A. L. HAMILTON, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

MAYBEURY.

No. 1011. *Angle.* Located about 2 miles from Maybeury, on a branch line of the N. & W. R. R., and across the ravine from the Norfolk mine, drift, operating in the No. 3 Pocahontas seam: ventilation, produced by a 15 foot fan, is good throughout. Gives employment to 200 men, producing 1000 tons of coal per day. The coal is cut by electric machines and picks. Draw slate is dangerous in some sections, and timbering is kept in first class condition. Haulage is done by electric motors and mules. Drainage and stoppings good; clay is used for tamping. Kept in first class condition and laws well complied with.

JAS. ELWOOD JONES, *Gen. Mgr.*	J. P. CLARK, *Mine Foreman.*
R. S. WHITEHEAD, *Supt.*	A. LAWSON, *Asst. Foreman.*
ROBT. WALLACE, *Company Inspector of Mines.*	J. W. SMITH, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

ASHLAND.

No. 1012. *Cherokee.* Located about two miles from Ashland, on the North Fork branch, drift, operating in the No. 3 Pocahontas seam, average thickness of the coal about 5 to 7 feet, employs 170 persons inside, producing a daily output of 600 tons. The coal is mined with electric machines and picks. Ventilation is produced by a 10 foot fan, which gives good results. The coal is being hauled by electric motors and mules. Roof, timbering and drainage good. Sufficient amount of timber is always kept on hand. Clay is used for tamping. Rules are posted and the laws are well complied with.

JAS. ELWOOD JONES, *Gen. Mgr.*	E. SHEETS, *Mine Foreman.*
WM. PEARMAN, *Supt.*	T. D. MATTHEWS, *Asst. Foreman.*
ROBT. WALLACE, *Company Inspector of Mines.*	

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Switchback.

No. 1013. *Delta.* Located near Lick Branch, on the main line of the N. & W. R. R., drift, operating in the No. 3 Pocahontas seam. There is a dangerous draw slate over the coal, averaging from 6 to 12 inches thick, also has a good many kettle bottoms, in the roof, which make it very dangerous. Ventilation is produced by a 9 foot fan and is well conducted to the working faces. This mine gives employment to about 200 men, producing about 1000 tons of coal per day. The coal is cut in the center by electric mining machines; some pick work is being done. Kept in a good moist condition at all times. Haulage is done by electric motors and mules. Clay is used for tamping. The laws are well complied with.

Jas. Elwood Jones, *Gen. Mgr.*
R. S. Whitehead, *Supt.*
Robt. Wallace, *Company Inspector of Mines.*
R. L. Hutchinson, *Mine Foreman.*
Geo. Irving, *Asst. Foreman.*
A. Lawson, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Lick Branch.

No. 1014. *Lick Branch.* Located on the main line of the N. & W. R. R., coal being mined in the No. 3 Pocahontas seam, 8 feet thick, cut in the center by electric chain machines Haulage is done by electric motors. Ventilation is furnished by an 8 foot fan, giving good results. Kept in a good moist condition, and there is a draw slate from 6 to 12 inches thick that is very dangerous; all places are timbered by timbermen; drainage and stoppings in good condition. Rules are posted. Stretchers, blankets, safety lamps, record books and all necessary supplies are kept on hand as the law requires.

Jas. Elwood Jones, *Gen. Mgr.*
R. S. Whitehead, *Supt.*
R. B. Smith, *Mine Foreman.*
John Meadwell, *Asst. Foreman.*

Robt. Wallace, *Company*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Maybeury.

No. 1015. *Norfolk.* Located on a branch line of the N. & W. R. R., about two miles from Maybeury, drift, operating in the No. 3 Pocahontas seam. Ventilation is produced by a 12 foot fan, giving ample ventilation throughout. The coal is mined with machines and picks, 9 feet thick, company men throughout the mine, also the draw slate is taken down by company men. Employs about 135 men and produces about 1200 tons of coal per day. Haulage is done by electric motors and mules. This mine is very wet; drainage and timbering good. Clay is used for tamping; rules are posted; the requirements of the law well complied with.

JAS. ELWOOD JONES, *Gen. Mgr.*	J. P. CLARK, *Mine Foreman.*
R. S. WHITEHEAD, *Supt.*	J. P. HENDRICKS, *Asst. Foreman.*
ROBT. WALLACE, *Company Inspector of Mines.*	W. J. PHILLIPS, *Asst. Foreman.*
	T. SOUTHERLAND, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

WORTH.

No. 1016. *Rolfe.* Located on the North Fork branch line of the N. & W. R. R., three miles from North Fork, drift, operating in the No. 3 Pocahontas seam. Ventilation is produced by a 12 foot fan, which gives ample ventilation throughout. The coal is mined by picks and machines and employs 193 persons and produces about 800 tons of coal per day, which is hauled by electric motors and mules. There is a dangerous draw slate over the coal, which is well taken care of. Timbering and drainage good. This mine is kept in a good moist condition. Clay is used for tamping. Laws are well complied with.

JAS. ELWOOD JONES, *Gen. Mgr.*	G. T. CASSELL, *Mine Foreman.*
C. H. BOWERS, *Supt.*	
ROBT. WALLACE, *Company Inspector of Mines.*	

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

LICK BRANCH.

No. 1017. *Shamokin.* Is located on the main line of the N. & W. R. R., at Lick Branch, drift, operating in the No. 3 Pocahontas seam, 8 feet thick; 18 inches of the coal is left on the top to support the roof, which is very poor. Employs 218 men and has a daily output of 1600 tons of coal. Ventilation is produced by two 5 foot fans, giving ample ventilation. The coal is mined with machines and picks, haulage is done by motors and mules. All stoppings in the main entries are made of concrete. Drainage and timbering in good condition; clay is used for tamping. Rules are posted, and all other requirements of tne law well complied with.

JAS. ELWOOD JONES, *Gen. Mgr.*	
R. S. WHITEHEAD, *Supt.*	T. J. BURWELL, *Mine Foreman.*
ROBT. WALLACE, *Company Inspector of Mines.*	W. A. HARDY, *Asst. Foreman.*
	W. M. HOPKINS, *Asst. Foreman.*

ROANOKE COAL & COKE COMPANY

WORTH.

No. 1018. *Roanoke.* Located on the N. & W. R. R., four miles from North Fork, operating in the No. 3 Pocahontas seam, employing 89 men, producing about 800 tons of coal per day. Ventilation is produced by a 10 foot fan, giving ample ventilation throughout. The current is divided into separate splits. The coal is mined by machines and picks. hauling is performed by mules and motors; sufficient amount of timber is always kept on hand; roof. timbering and stoppings good; clay is used for tamping; rules are posted and the laws are well complied with.

HENRY BROOKE, *Superintendent.* E. C. LEWIS, *Mine Foreman.*
L. D. STONE, *Asst. Foreman.*

ZENITH COAL & COKE COMPANY.

CRUMPLER.

No. 1019. *Zenith Nos. 1 & 2.* Located at the terminus of the North Fork branch, drifts, in the No. 3 Pocahontas seam. These mines deliver their output to the same tipple; the coal is 4 feet 6 inches high and has a very good roof. Employ 128 men. The ventilation for these mines is produced by two 12 foot fans, which give ample ventilation throughout. The coal is mined by electric mining machines and picks, hauled with motors and mules. Clay is used for tamping; rules are posted; stretchers, blankets and record books are kept on hand as the law requires .

A. D. RICE, *General Manager.* W. A. OTEY, *Mine Foreman.*
T. B. WHITE, *Superintendent.* E. M. GROUCH. *Asst. Foreman.*

MERCER.

AMERICAN COAL COMPANY.

McCOMAS.

No. 1020. *Crane Creek No. 1—Drift.* Located near Mora, operating in the No. 3 Pocahontas seam, employing about 100 men inside. Ventilation is produced by a 16 foot fan; the current is divided into two separate splits, giving good results. The coal is 4 feet 6 inches high and is mined by electric machines and picks. Haulage is done with motors and mules. This mine has a dangerous draw slate, but is well taken care of. Timbering and drainage good, and all other requirements of the law well complied with.

J. H. TRACEY, *General Manager.* J. H. HUGHES, *Mine Foreman.*
J. T. WALKER, *Superintendent.* PETER DRENNAN. *Fire Boss.*

AMERICAN COAL COMPANY.

McCOMAS.

No. 1020-a. *Crane Creek No. 2—Drift.* Operating the No. 3 Pocahontas seam, employing 75 men, located near Mora. on Crane creek, coal being 4 feet, 6 inches high, with a draw slate that is very dangerous, but is very well taken care of. Ventilation is produced by a 26 foot fan, which gives sufficient air throughout. Haulage is performed by electric motors and mules. Drainage, stoppings and timbering good. Clay is used for tamping; rules are posted, and necessary supplies are kept on hand as the law requires and the laws are well observed.

J. H. PARRETT. *General Manager.* J. H. HUGHES. *Mine Foreman.*
J. T. WALKER. *Superintendent* PETER DRENNAN. *Fire Boss.*

AMERICAN COAL COMPANY.

WIDEMOUTH.

No. 1021. *Piedmont—Drift.* Operating in the No. 3 Pocahontas seam, located on the Widemouth creek, on a branch line of the N. & W. R. R. Ventilation is produced by an 8 foot fan, giving ample ventilation throughout. The coal is mined by electric machines, is hauled with motors. Roof, drainage, timbering and stoppings good. Clay is used for tamping; rules are posted, and the requirements of the laws well complied with.

J. H. PARRETT, *General Manager.*
J. T. WALKER, *Superintendent.*
C. I. IRVING, *Mine Foreman.*
HARRY HUME, *Fire Boss.*

AMERICAN COAL COMPANY.

MCCOMAS.

No. 1022. *Pinnacle—Drift.* Operating in the No. 3 Pocahontas seam, located near the head of Crane creek, coal is 4 feet 6 inches high. This mine gives employment to 70 men. Has a dangerous draw slate, but is well taken care of; sufficient amount of timber is kept on hand; timbering and drainage in good condition; clay is used for tamping. Ventilation, produced by a 12 foot fan, is ample throughout the mine; all necessary supplies are kept on hand as the law requires, and the laws are well observed.

J. H. PARROTT, *Gen. Mgr.*
J. T. WALKER, *Supt.*
S. W. LANDRETH, *Mine Foreman.*
JONH WILSON, *Asst. Foreman.*
FLOYD SPARKS, *Fire Boss.*

AMERICAN COAL COMPANY.

FREEMAN.

No. 1023. *Booth-Bowen—Drift.* Operating in the No. 3 Pocahontas seam, located on Simmons creek, about three miles from Simmons. Ventilation, produced by a 20 foot fan, is ample throughout the mine. The current of air is distributed by three different splits. This mine gives employment to 129 men. In some parts of the mine the roof is good, while, in other parts, poor. Has considerable trouble with water caused by breaks in the mountains. Clay is used for tamping, and all necessary supplies are kept on hand as the law requires and the laws are well observed.

HARRY BOWEN, *Gen. Mgr.*
J. H. BOWEN, *Supt.*
B. H. ENGLISH, *Mine Foreman.*
MALCOLM HENSLEY, *Asst. Foreman.*
ED. LAWSON, *Asst. Foreman.*

BUCKEYE COAL & COKE COMPANY.

Freeman.

No. 1024. *Buckeye—Drift.* Operating in the No. 3 Pocahontas seam, located on the Widemouth division of the N. & W. R. R., two miles from Simmons, average height of the coal is 5 feet 6 inches Ventilation is produced by an 18 foot fan, which furnishes sufficient air when properly distributed to the working faces. The coal is delivered to the same tipple as the North. Has some dangerous roof in some sections, but is well taken care of. Drainage is good. Sufficient amount of timber is kept on hand. Clay is used for tamping, and all necessary supplies are kept on hand and the laws well observed.

J. C. Pack, *Gen. Mgr.*
F. R. Hewitt, *Supt.*
J. H. Williams, *Mine Foreman.*
W. R. Foster, *Asst. Foreman.*

CRYSTAL COAL & COKE COMPANY.

Crystal.

No. 1025. *Crystal No. 1—Drift.* Located on Crane creek, about three miles from Montcalm, operating the No. 3 Pocahontas seam, 4 feet and 6 inches high, employing about 131 men. A new 7 foot Stine fan has recently been installed to ventilate No. 4 Mine, No. 3 being ventilated by a furnace, which will be abandoned as soon as the mines are connected, the fan at No. 4 ventilating both mines. Haulage is performed by mules and a new Jeffrey motor, which has taken the place of a steam locomotive. Roof and drainage good, and the requirements of the law being well complied with.

W. H. Thomas, *Gen. Mgr.*
W. J. Pritchard, *Gen. Supt.*
E. Powell, *Superintendent.*
E. R. Foley, *Mine Foreman.*

CRYSTAL COAL & COKE COMPANY.

Crystal.

No. 1026. *Crystal No. 2.* Located on Crane creek, about three miles from Montcalm, operating in the No. 3 Pocahontas seam, average of 4 feet, 6 inches thick. Ventilation, produced by a 10 foot fan, is divided into two separate splits and is well distributed. Haulage is done by electric motors and mules. The coal is mined by hand picks. Roof, drainage and stoppings good, except in a few local places. Clay is used for tamping. Rules are posted and the laws are well observed.

W. H. Thomas, *Gen. Mgr.*
W. J. Pritchard, *Gen. Supt.*
E. Powell, *Supt.*
E. R. Foley, *Mine Foreman.*
J. C. Lovern, *Mine Foreman.*
C. C. Thompson, *Asst. Foreman.*

ENNIS COAL COMPANY.

HIAWATHA.

No. 1027. *Hiawatha.* Located on the Widemouth creek, at Hiawatha, drift, operating in the No. 3 Pocahontas seam, 4 feet, 6 inches thick. It has a very frail roof. Ventilation is produced by a 15 foot fan. Haulage is done by motors and mules. This mine is kept in a good moist condition by the use of salt and water. Drainage and timbering are kept in good condition. Clay is used for tamping. This mine employs about 115 men at present. The coal is mined by electric machines and picks. Rules are posted and the laws well complied with.

E. J. McQUAIL, *Gen. Mgr.*	W. H. SANFORD, *Mine Foreman.*
J. P. JOHNSON, *Supt.*	CHAS. HEDRICK, *Asst. Foreman.*
	WM. NUNN, *Asst. Foreman.*

GODFREY COAL COMPANY.

MONTCALM.

No. 1028. *Godfrey.* Operating in the No. 3 Pocahontas seam, located on Crane creek, three miles from Montcalm, the coal being 4 feet, 2 inches high. This mine is on the retreat. Ventilation is produced by a furnace, giving ample ventilation. Drainage, stoppings and timbering good. Sufficient amount of timber is kept on hand. Clay is used for tamping. Haulage is performed by mules. All necessary supplies are kept on hand as the law requires, and the laws are well observed.

E. A. WILLIAMS, *Gen. Mgr.*	S. S. NUNN, *Mine Foreman.*
E. V NEAL, *Supt.*	

LOUISVILLE COAL & COKE COMPANY

GOODWILL.

No. 1029. *Goodwill—Drift.* Operating in the No. 3 Pocahontas seam, the coal being 4 feet 8 inches thick, located on Flipping creek, one mile from Goodwill, has a bad roof and has to be well taken care of. Ventilation is produced by a 5 foot fan, giving ample ventilation. Haulage is performed by electric motors and mules. Sufficient amount of timber is kept on hand. Clay is used for tamping; roof, drainage and timbering good. Rules are posted and the laws well observed.

JARIUS COLLINS, *Supt.*	G. R. SCOTT, *Mine Foreman.*
	BERT JOHNSON, *Asst. Foreman.*

LOUISVILLE COAL & COKE COMPANY

GOODWILL.

No. 1029-a. *Louisville No. 2—Drift.* Located on Flipping creek, near Goodwill, operating in the No. 3 Pocahontas seam, coal being 5 feet high, giving employment to 62 men, producing about 500 tons of coal per day. Ventilation is produced by a 6 foot fan, giving ample ventilation. Haulage is performed by mules and motors. Roof, timbering and stoppings good. Sufficient amount of timber is kept on hand; clay is used for tamping. The coal is mined by electric mining machines and picks. All necessary supplies are kept on hand as the law requires, and the laws are well observed.

JARIUS COLLINS, *Supt.* G. R. SCOTT, *Mine Foreman.*
BERT JOHNSON, *Asst Foreman.*

LOUISVILLE COAL & COKE COMPANY

GOODWILL.

No. 1029-b. *Klondike No. 3—Drift.* Operating in the No. 3 Pocahontas seam, located near Goodwill. Ventilation, produced by a 5 foot fan, ample, confined to pillar working and only 9 men were employed on my last inspection. Drainage and timbering good. Sufficient amount of timber kept on hand; clay is used for tamping. Haulage is performed by mules. Rules are posted and the laws are well complied with.

JARIUS COLLINS, *Supt.* G. R. SCOTT, *Mine Foreman.*
GEO. MCNEW, *Asst. Foreman.*

MILL CREEK COAL & COKE COMPANY.

COALDALE.

No. 1030. *Coaldale.* Located on the main line of the N. & W. R. R., drift, operating in the No. 3 Pocahontas seam, the coal being 8 feet 4 inches high. Ventilation is produced from the West Fork mine, these two mines being connected. Haulage is performed by mules and motors. The roof is of a very frail nature, but is kept well timbered. The recovery of the coal is very difficult and dangerous. There are timbermen employed to do all timbering for the miners and every care is taken to avoid accidents. The superintendent takes great pleasure in seeing that all rules are strictly enforced and laws well complied with.

EDWARD COOPER, *Gen. Mgr.* JESSE JARVIS, *Mine Foreman.*
C. E. F. BURNLEY, *Supt.* J. W. JOHNSON, *Mine Foreman.*

MILL CREEK COAL & COKE COMPANY.

COOPERS.

No. 1031. *Tug River.* Located on the head waters of the Tug river, drift. operating in the No. 3 Pocahontas seam, 8 feet 4 inches thick, 2 feet of which is left up to support the roof. The overlying strata is very soft and the coal is left to protect it. There are 90 men employed inside. Ventilation is produced by a 10 foot fan, being distributed by three different currents, giving good results. Haulage is done by a steam locomotive and mules. The coal is delivered to the West Fork tipple. The superintendent takes great pleasure in seeing that all rules are strictly complied with.

EDWARD COOPER, *Gen. Mgr.* J. W. JOHNSON, *Mine Foreman.*
C. E. F. BURNLEY, *Supt.* JESSE JARVIS, *Mine Foreman.*

MILL CREEK COAL & COKE COMPANY

COOPERS.

No. 1031-a. *Mill Creek East.* Located at Ruth, on the main line of the N. & W. R. R., drift, operating in the No. 3 Pocahontas seam, 9 feet thick, is on the retreat, taking out the pillars. There are 24 men employed. Ventilation is produced by a 3 foot fan, furnishing good ventilation throughout. Haulage is done by mules and steam locomotives. The roof is dangerous, but well timbered and drainage good and the laws are well complied with.

EDWARD COOPER, *Gen. Mgr.*	J. W. JOHNSON, *Mine Foreman.*
C. E. F. BURNLEY, *Supt.*	T. NICEWANDER, *Asst. Foreman.*

MILL CREEK COAL & COKE COMPANY.

COOPERS.

No. 1031-b. *West Fork—Drift.* Located on the main line of the N. & W. R. R., operating in the No. 3 Pocahontas seam, confined to pillar working, coal is 9 feet thick, the roof is poor and careful timbering is done to avoid accidents. The ventilation is produced by a 16 foot fan, which gives ample ventilation for the West Fork and Coaldale Mines also. Employs 24 men at present time; haulage is done by electric motors and mules. The laws are well complied with.

EDWARD COOPER, *Gen. Mgr.*	J. W. JOHNSON, *Mine Foreman.*
C. E. F. BURNLEY, *Supt.*	WM. YOUNG, *Asst. Foreman.*

PAWAMA COAL & COKE COMPANY.

MATOAKA.

No. 1032. *Pawama Nos. 1 & 2.* Located at Matoaka, operating in the No. 3 Pocahontas seam, which is 4 to 5 feet 2 inches thick. The output is delivered to the same tipple. Ventilation is produced by a 7 foot fan, these mines being connected. On my last inspection only 56 men were employed inside. Coal is mined by electric mining machines and picks. The roof is dangerous, but is kept well timbered and plenty of timber is kept on hand at all times. These mines are kept in a good moist condition, and the laws are being well complied with.

J. H. PARROTT, *Gen. Mgr.*	EDWARD LUCAS, *Mine Foreman.*
J. C. STRAUS, *Supt.*	

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

FREEMAN.

No. 1033. *Caswell Creek—Elkhorn.* Operating in the No. 3 Pocahontas seam, opposite the Hemlock Mine on Simmons Creek. Ventilation is produced by the same fan that ventilates the Hemlock Mine. Drainage, stoppings and timbering good. Sufficient amount of timber kept on hand. Clay is used for tamping. Haulage is done by steam locomotives and mules. All necessary supplies are kept on hand as the law requires, and the laws are well observed.

Jas. Elwood Jones, *Gen. Mgr.* J. W. Cole, *Mine Foreman.*
J. K. Whitehead, *Supt.* J. Saxton, *Asst. Foreman.*
Robt. Wallace, *Company Inspector of Mines.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Freeman.

No. 1033-a. *Caswell Creek—Hemlock.* Located two and one-half miles from Simmons on Simmons Creek, operating in the No. 3 Pocahontas seam, the coal being eight feet high. Ventilation, produced by a twelve foot fan, gives ample ventilation throughout. Haulage is done by mules and steam locomotives. The roof is very poor but is kept well timbered. Drainage, stoppings and timbering good. Sufficient amount of timber is kept on hand. Clay is used for tamping; rules are posted, and the laws are well observed.

Jas. Ellwood Jones, *Gen. Mgr.* J. W. Cole, *Mine Foreman.*
J. K. Whitehead, *Supt.* **Dalton Belcher,** *Asst. Foreman.*
Wash Lillie, *Asst. Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

McComas.

No. 1034. *Sagamore Nos. 1 & 2—Drifts.* Located on Crane Creek branch, operating the No. 3 Pocahontas seam, delivering the coal to the same tipple. Ventilation is produced by a twelve foot Jeffrey fan, the current being divided into four different splits, giving ample ventilation throughout. These mines employ two hundred and ten men. Haulage is done by electric motors and mules. The coal is mined by electric mining machines and picks; clay is used for tamping, and the laws are well observed.

Jas. Elwood Jones, *Gen. Mgr.* E. E. Evans, *Mine Foreman.*
J. C. Baldwin, *Supt.* Edward Kelly, *Fire Boss.*
Robt. Wallace, *Company Inspector of Mines.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Pocahontas, Va.

No. 1035. *West—Drift.* Operating the Poca No. 3 seam, 9 to 10 feet thick.

Ventilated by a 10 x 16 feet fan. Coal is hauled by mules and Electric motor. Employ 18 men inside.

Jas. Heatherman, *Supt.* Jos. McCrickard, *Mine Foreman.*

THE SMOKELESS COAL COMPANY.

HIAWATHA.

No. 1036. *Smokeless—Drift.* Operating in the No. 3 Pocahontas seam, located about one mile from Hiawatha on Widemouth Creek, coal being four feet six inches high. Ventilation is produced by a twelve foot fan. Haulage is done by electric motors and mules. This mine gives employment to 54 men. A very moist mine. Roof, drainage and timbering good; clay is used for tamping. The laws are fairly well complied with.

D. H. BARGER, *Gen. Mgr.*
O. N. MOOMAW, *Supt.*
P. L. VEST, *Asst. Supt.*
JNO. W. SHREWSBURY, *Mine Foreman.*

SOLVAY COLLIERIES COMPANY.

SPRINGTON.

No. 1037. *Spring.* Located on the Widemouth Creek at Springton, operating in the No. 3 Pocahontas seam, four feet, five inches thick, has a very frail roof, which is kept well timbered.

Ventilation is produced by a fifteen foot fan, the air is divided into three separate splits, which give good results. This mine employs 100 men, producing about six hundred tons of coal per day. The coal is cut by electric mining machines and picks. Haulage is done by steam locomotives and mules, but the steam locomotives will soon be disposed of, as they are getting ready to install motors in their places. Drainage, stoppings and timbering good. Rules are posted, and the laws are well complied with.

A. B. ROWAN, *Gen. Mgr.*
D. C. BOAG, *Supt.*
D. W. FRANKLIN, *Mine Foreman.*

THE THOMAS COAL COMPANY.

McCOMAS.

No. 1038. *No. 1—Drift.* Located at the head of Crane Creek, operating in the No. 3 Pocahontas seam, the coal being five feet thick. This mine gives employment to one hundred and twenty men inside. Ventilation, produced by a eighteen foot fan, is divided into two separate currents, and is ample throughout the mine. Haulage is performed by mules and motors; roof and drainage good; sufficient amount of timber kept on hand; clay is used for tamping; rules are posted and all necessary supplies are kept on hand as the law requires, and the laws are well complied with.

W. H. THOMAS, *Gen. Mgr.*
JAS. G. THOMAS, *Supt.*
THOMAS H. LUKE, *Mine Foreman.*
LUKE GRAM, *Asst. Foreman.*

THE THOMAS COAL COMPANY.

GIATTO.

No. 1039. *No. 2—Drift.* In the same lease as No. 1, opened on the

Widemouth Creek two miles from Giatto, operating the No. 3 Pocahontas seam, the coal being five feet high.

They have erected a new fan and tipple; drainage and timbering good. Haulage is performed by motors and mules. A sufficient amount of timber is kept on hand; clay is used for tamping; rules are posted, and the laws are well complied with.

W. H. THOMAS, *Gen. Mgr.*
WM. J. PRITCHARD, *Supt.*
W. M. WATTS, *Mine Foreman.*

TURKEY GAP COAL & COKE COMPANY.

DOTT.

No. 1040. *Wenonah Nos. 1 & 2.* Located on the Widemouth Creek, operating in the No. 3 Pocahontas seam, the coal being four feet, six inches. Ventilation is produced by a sixteen foot fan, giving ample ventilation. Haulage is performed by mules and motors. Coal is mined by electric mining machines and picks. Clay is used for tamping. Drainage, timbering and roof in good condition. The laws are well observed.

E. J. MCQUAIL, *Gen. Mgr.*
D. H. FRAZIER, *Supt.*
ROBERT MAHONEY, *Mine Foreman, No. 1.*
J. L. PERDUE, *Mine Foreman, No. 2.*

WEYANOKE COAL & COKE COMPANY.

LOWE.

No. 1041. *Elihu.* Operating in the No. 3 Pocahontas seam, located about onoe mile from Matoaka, coal being four feet, two inches high, the same lease as the Weyanoke mine, employing about fifty-four men, mined by Morgan-Gardner machines, also some pick mining. Ventilation is produced by a five foot fan, one current, giving good results. This mine is kept in a good moist condition, haulage is done by electric motors and mules. Roof is dangerous in some sections of the mine, but is kept well timbered and sufficient amount of timber is always kept on hand. Clay is used for tamping; rules are posted, and laws well complied with.

R. D. PATTERSON, **Gen. Mgr.**
J. T. MORRIS, *Supt.*
J. L. WOODYARD, *Mine Foreman.*
WILLIAM WRIGHT, *Asst. Mine Foreman.*

WEYANOKE COAL & COKE COMPANY.

LOWE.

No. 1041-a. *Weyanoke—Drift.* Located one mile from Matoaka, operating in the No. 3 Pocahontas seam, being four feet, two inches high, employing about eighty-five men. Coal is mined by electric machines and picks. This mine is kept in a good moist condition by the use of salt and water. Ventilation is produced by a twelve foot fan and is conducted through the mine in two separate currents, giving good results. The mine officials take great care in keeping the mine up to date in every respect. Sufficient amount of timber is always kept on hand. Haulage is done by electric motors and mules; roof, drainage and timbering good. This mine is equipped with electric lines for signals to tell when trips are loaded in any part of the mine. Clay is used for tamping. Rules are posted, and laws are well complied with.

R. D. PATTERSON, *Gen. Mgr.*	J. L. WOODYARD, *Mine Foreman.*
J. T. MORRIS, *Supt.*	W. WRIGHT, *Asst. Foreman.*

RALEIGH.

BAILEY-WOOD COAL COMPANY.

MCALPIN.

No. 1042. *Bailey-Wood.* Located at McAlpin on the Winding Gulf branch of the Virginian R. R. Drift, operating in the Beckley seam, the coal being five feet high, gives employment to 82 persons, producing about four hundred tons of coal per day. Ventilation is produced by a ten foot fan, divided into three separate splits which is ample throughout the mine. Roof, drainage and timbering good; haulage is performed by motors and mules. Sufficient amount of timber kept on hand; clay is used for tamping and the laws are well observed.

THOS. NICHOL, *Gen. Mgr.*	C. B. BRYANT. *Mine Foreman.*
J. C. BAKER, *Supt.*	

GULF COAL COMPANY.

HOTCOAL.

No. 1043. *No. 1.* Located on the branch line of the Virginian Railway, seventeen miles from Mullens, operating in the Beckley seam, the coal being four feet thick.

Ventilation is produced by a six foot fan giving good results. This mine employs twenty-five men, producing about two hundred tons of coal per day. Haulage is done by electric motors and mules. The coal is mined by electric mining machines and picks; clay is used for tamping. Sufficient amount of timber kept on hand. Roof, drainage and timbering good. Rules are posted, and the laws well observed.

W. P. TAMS, *Gen. Mgr.*	O. WILLIAMS, *Mine Foreman.*
W. H. RUBY, *Supt.*	LEW WOLFE, *Asst. Foreman.*

GULF COAL COMPANY.

HOTCOAL.

No. 1043-a. *Nos. 2 & 3.*—Located on the Winding Gulf branch of the Virginian, R. R., seventeen miles from Mullens, operating in the Beckley seam, five feet high.

Ventilation is produced by a six foot fan, giving good results throughout. This mine gives employment to twenty-five men; the coal is cut by electric mining machines and picks. Roof, drainage and timbering good; sufficient amount of timber is kept on hand. Haulage is done by motors, clay is used for tamping; rules are posted, and the laws well complied with.

W. P. TAMS, *Gen. Mgr.* O. WILLIAMS, *Mine Foreman.*
W. H. RUBY, *Supt* LEW WOLFE, *Asst. Foreman.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1044. *Tams No. 1—Drift.* Operating in the Beckley seam, located on a branch line of the Virginian R. R., thirteen miles from Mullens. Coal is from five to six feet thick. Ventilation is produced by a six foot fan giving ample ventilation throughout. Roof, drainage and timbering good. This mine employs one hundred men inside. The coal is mined by picks; clay is used for tamping; rules are posted, and the laws well complied with.

W. P. TAMS, *Gen. Mgr.* ADAM LINDLEY, *Mine Foreman.*
W. P. TAMS, *Jr. Supt.* ANDY CHAMBERS, *Fire Boss.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1044-a. *Tams No. 2—Drift.* Operating in the Beckley seam, located on a branch line of the Virginian R. R., delivers its coal to the same tipple as the No. 1. The coal is from five to eight feet high Ventilation is produced by a six and one-half foot fan giving good results. This mine employs 95 men on the inside; the coal is mined by picks; clay is used for tamping. Draining, roof and timbering good and stoppings in good condition. Haulage is done by electric locomotives. All necessary supplies are kept on hand, as the law requires, and the laws are well complied with.

W. P. TAMS, *Gen. Mgr.*
W. P. TAMS, JR., *Supt.* ADAM LINDLEY, *Mine Foreman.*
ANDY CHAMBERS, *Asst. Foreman.*

GULF SMOKELESS COAL COMPANY.

TAMS.

No. 1044-b. *Tams No. 3—Drift.* Operating in the Beckley seam in the same lease as Nos. 1 and 2, employing 52 men delivers its coal to the same tipple as the No. 1. The coal is six feet, six inches high Drainage and timbering in good condition; clay is used for tamping. Haulage is done by electric motors. Ventilation is produced by a six and one-half foot fan, giving good results. The coal is mined by picks and electric machines, and the laws are well observed.

W. P. TAMS, *Gen. Mgr.* ADAM LINDLEY, *Mine Foreman*
W. P. TAMS. JR., *Supt.* JOHNSON H. BIRD, *Asst. Foreman.*

LYNWIN COAL COMPANY.

WINDING GULF.

No. 1045. *Lynwin—Slope.* Located on the Winding Gulf branch of the Virginian R. R., operating the Beckley seam, height of the coal is five feet, gives employment to 97 men; ventilation, produced by a seven foot fan, is sufficient. Drainage and timbering good; sufficient amount of timber kept on hand. The coal is mined by electric machines and picks; all stoppings along the main entries are made of concrete. Clay is used for tamping; rules are posted, and all necessary supplies are kept on hand, as the law requires, and the laws are well complied with.

E. J. FLANIGAN, *Supt.* M. L. MERRELL, *Mine Foreman.*
P. C. LYNCH, *Gen. Mgr*

McALPIN COAL COMPANY.

MCALPIN.

No. 1046. *McAlpin Nos. 1 & 2.* Located at McAlpin on the Winding Gulf branch of the Virginian R. R., drifts operating in the Beckley seam, four to six feet high. Ventilation is produced by an eighteen foot fan giving good results. Haulage is performed by electric motors and mules. Roof, timbering and drainage good. The coal is mined by machines and picks. These mines give employment to two hundred and fifteen men, are well managed and operated in compliance with the requirements of the law in every particular.

JOHN LAING, *Gen. Mgr.* W. A. GILCHRIST, *Mine Foreman.*
WILL LAING, *Supt.* G. R. WADDELL, *Asst. Foreman.*

PEMBERTON COAL & COKE COMPANY.

HOTCOAL.

No. 1047. *Big Stick.* Located on a branch line of the Virginian Railway about seventeen miles from Mullens, operating in the Beckley seam, five feet, six inchs high, gives employment to 126 men, producing nine hundred tons of coal per day. Ventilation, produced by ten foot fan, is ample throughout. Haulage is performed by motors and mules. The coal is mined by picks; clay is used for tamping; rules are posted, and the laws are well observed.

D. PHILLIPS, *Gen. Mgr.* J. A. CONNOR, *Mine Foreman*
G. A. HINTERLEITNER, *Supt.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1048. *No. 1—Drift.* Located at Stotesbury on the Winding Gulf branch line of the Virginian R. R. sixteen miles from Mullens, operating in the Beckley seam with an average height of four feet, four inches. Ventilation is produced by a five and one half foot fan, giving good results.

This mine gives employment to nineteen men. Coal is mined by electric mining machines and picks. Haulage is done by motors and mules; clay is used for tamping, rules are posted and the laws are well complied with.

E. E. WHITE, *Gen. Mgr.* J. E. VIRGIN, *Mine Foreman.*
C. R. STAHL, *Supt.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1048-a. *No. 3—Drift.* Operating in the same lease as the No. 1 the coal being delivered to the same tipple, located at Stotesbury on the Winding Gulf branch of the Virginian Railroad, giving employment to twenty-three men, sixteen working at night and seven at day. The coal is mined by electric machines and haulage is performed by motor.

Ventilation produced by a five and one-half foot fan, is ample through out the mine. Roof, stoppings, drainage and timbering good, clay is used for tamping; rules are posted, and all necessary supplies are kept on hand as the law requires.

E. E. WHITE, *Gen. Mgr.* J. E. VIRGIN, *Mine Foreman.*
C. R. STAHL, *Supt.*

E. E. WHITE COAL COMPANY.

STOTESBURY.

No. 1048-b. *No. 5—Drift.* Operating in the Beckley seam, located on the Virginian Railroad, giving employment to eighty men. Ventilation, produced by a five and one-half foot fan, is ample. The coal is mined by electric machines and picks. Haulage is done by motors. Roof and drainage good and stoppings in good condition. The coal is delivered to the same tipple as the No. 3 output; clay is used for tamping; rules are posted; the laws are well complied with.

E. E. WHITE, *Gen. Mgr.* J. E. VIRGIN, *Mine Foreman.*
C. R. STAHL, *Supt.* C. G. BALDWIN, *Fire Boss.*

E. E. WHITE COAL COMPANY

STOTESBURY.

No. 1048-c. *Nos. 6 & 7—Drifts.* Operating in the Beckley seam, located on the Winding Gulf branch of the Virginian railroad.

These mines give employment to sixty-five men. Ventilation, produced by a six foot fan, is ample. The coal is four feet, six inches high, timbering and drainage good, sufficient amount of timber on hand; the coal is delivered to the same tipple as No. 5; the laws are well complied with.

E. E. WHITE, *Gen. Mgr.* H. E. ROBERTS, *Mine Foreman*
C. R. STAHL, *Supt.*

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1049. *No. 1—Drift.* Operating in the Beckley seam, the coal being four to six feet high, located on the head-waters of the Winding Gulf, on a branch line of the Virginian Railway, gives employment to sixty-five miners producing about six hundred tons of coal per day. Ventilation, produced by a sixteen foot fan, is good. Haulage is done by electric motors and mules; the coal is mined by electric mining machines and picks. The roof is poor, but is kept well timbered and a sufficient amount of timber is kept on hand at all times. Clay is used for tamping. Rules are posted, and the laws are well complied with.

GEO. WOLFE, *Gen. Mgr.* JNO. W. HANCOCK, *Mine Foreman.*
ROBERT W. LIDDLE, *Supt.* J. M. RICHMOND,
Asst. Mine Foreman.

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1049-a. *No 3—Slope.* Operating in the Beckley seam, the coal being 5 feet high, located across the ravine from No. 1, employs twenty miners. The coal is delivered to the No. 1 tipple. Ventilation, produced by a three foot fan, is ample. The coal is mined by electric mining machines and picks. Clay is used for tamping. Roof, drainage and timbering good; sufficient amount of timber kept on hand, and the laws are well observed.

GEO. WOLFE, *Gen. Mgr.* H. O. HALL, *Mine Foreman.*
ROBERT LIDDLE, *Supt.* AARON RICHMOND, *Asst. Foreman.*

WINDING GULF COLLIERY COMPANY.

WINDING GULF.

No. 1050. *No. 2—Shaft and Slope.* Operating in the Beckley seam, located on the C. & O. R. R. twenty-one miles from Mullens, coal is five feet high. This mine gives employment to 139 men producing about eight hundred tons of coal per day, mined by electric mining machines and picks. Haulage is performed by electric motors and mules; mine is ventilated by two fans being three and five feet, producing ample ventilation throughout. Roof, timbering and drainage are in good condition; sufficient amount of timber kept on hand. Clay is used for tamping; rules are posted, and the laws are well observed.

GEO. WOLFE, *Gen. Mgr.* JOHN HANCOCK, *Mine Foreman.*
ROBERT LIDDLE, *Supt.* AARON RICHMOND,
Asst. Mine Foreman.

WYOMING.

MEAD-POCAHONTAS COAL CO.

MULLENS.

No. 1051. *Mead-Pocahontas Nos. 1 & 2—Drifts.* Operating in the No. 3 Pocahontas seam, located on the Main line of the Virginian Railway about one mile and a half from Mullens, coal at an average height of four feet, gives employment to forty-one men. Coal is mined by picks. Mule haulage. Roof and drainage good. Sufficient amount of timber kept on hand. Clay is used for tamping. Ventilation is produced by a furnace but soon will be replaced by a fan. All necessary supplies are kept on hand as the law requires and the laws are well observed.

J. C. SULLIVAN, *Gen. Mgr. & Supt.* JOHN PRENTICE, *Mine Foreman.*

TRACE FORK COAL COMPANY.

MULLENS.

No. 1052. *Trace Fork—Drift.* Operating in the No. 3 Pocahontas seam, located on the main line of the Virginian Railway, one mile and a half from Mullens. Ventilation is produced by a furnace, but will soon be replaced by a fan. Haulage is done by mules. Roof and timbering good. Sufficient amount of timber kept on hand. This mine employs 9 men. Clay is used for tamping and the laws are well complied with.

W. B. HONAKER, *Gen. Mgr.* H. L. PRICE, *Mine Foreman.*

ELEVENTH DISTRICT

GENERAL SUMMARY FOR THE ELEVENTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs	Tons of 2,000 lbs.
McDowell (part) ..	65	56	2,413	2,344	268	2,164	7,189	1,436	538	1,974	9,163	7,884,526	468,759
Totals	65	56	2,413	2,344	268	2,164	7,189	1,436	538	1,974	9,163	7,884,526	468,759

OFFICE OF ELEVENTH DISTRICT MINE INSPECTOR.
LANDGRAFF, July 15, 1914.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston.

DEAR SIR:—I herewith respectfully submit to you my annual report as Inspector of the Eleventh Mining District, for the year ending June 30, 1914, which includes part of McDowell county. I am pleased to report to you that I have received the hearty co-operation of the operators, mine officials, and miners during the past year. At the beginning of the fiscal year several mines were below the standard of safety, as 60 per cent. of some mines were solid shooting. Short fuse was used in many cases to shoot permissible powders. Timbering was far from being up to the standard, and in many cases left to the contractor. Mine foremen did not fulfill their duties or section 15, and many foremen and fire bosses did not sign the records properly. I am pleased to say that during the year it has been my pleasure to instruct them; and a "Safety First Movement" was got up by you which I carried out. At this writing I am pleased to say that every mine in District Eleven has been improved 30 per cent. for the better. Many mines have built hospitals, wash houses, and improved the sanitary conditions in ventilation of their mines, and the town. A model miner's cottage has been built and the company keeps a special nurse, who instructs miners wives as to economic methods of housekeeping.

At several mines in my district club rooms have been built with a lecture room included. I have on one or two occasions lectured on mining and mining methods. This work is to be encouraged. A movement of "First Aid" has been inspired at the main line mines. "Safety First Universal Signals" can be seen at a good many.

Operators have frequently asked me for instructions, which were freely given. Thousands of dollars have been spent in some mines to bring them up to standard and comply as far as practicable with the mining law. I am proud and elated at the wonderful improvements that have been made during the year for the betterment of the operator and miner. I have made 358 visits during the year, not counting several joint inspections. I have been out of the district 12 days at the Eccles explosion and 3 days at a mine fire not in my district. I am pleased to say that in the discharge of my duties I have always received the courteous treatment of operators, mine officials, and miners, and I desire to extend to you my thanks for the advice and assistance that you have given me at at all times.

Very respectfully yours,
LAWSON BLENKINSOPP,
State Mine Inspector Eleventh District.

NEW MINES.

Houston Collieries Company, Carswell Shaft, Pocahontas No. 3 and No. 4. seams, Kimball, McDowell, County.

MINES IDLE DURING THE YEAR.

New River & Pocahontas Consolidated Collieries Company, Havaco Shaft, Jed, shut down for repairs.

United States Coal & Coke Company, No. 1 Shaft Mine idle since September 6, 1912.

CHANGES IN NAMES OF COMPANIES.

Middle States Coal & Coke Company, succeeded by Houston Collieries Company.

MINES SHUT DOWN TEMPORARILY ON ACCOUNT OF DEPRESSION, FROM DECEMBER 18, 1914.

United States Coal & Coke Company, No. 12, Pocahontas No. 3 Seam, Anawalt.

United States Coal & Coke Company, No. 11, Pocahontas No. 3 Seam, Thorpe.

United States Coal & Coke Company, No. 8, Pocahontas No. 4 Seam, Elbert.

United States Coal & Coke Company, No. 9, Pocahontas No. 4 Seam, West Side, Filbert.

McDOWELL.

BLACK WOLF COAL & COKE COMPANY.

DEARING.

General Office, Eckman.

No. 1101. *Blackwolf—Drift.* Operating the Pocahontas No. 4 seam, located on Tug river, on the branch of the N. & W. Ry., 13 miles from Welch, coal is 5 to 6 feet thick, with a heavy rash on top of coal, no attempt is made to hold it and, after a time, comes down to black slate, which must be loaded out. The system of mining is not a good one in my opinion, but, from the dangerous character of the roof, they have very few accidents, however, it seems more by good luck than by good management. This mine was in a deplorable condition on my first visit, dust from the drift mouth to the face; the foreman was not intelligent enough to even read the laws; he, however, resigned and the present foreman was put on. The dust was loaded out and mine well watered. Four thousand feet of main haulage road was cleaned up of dust and debris. Ventilation was restored by going over the stoppings, three new overcasts were built and doors eliminated on the main line. A new drift was put in to cut off a 7 per cent. hill, which was dangerous. The mine is now in better shape than it ever was. There was so much to do to bring this mine up to standard that it took all year to do it, however, the superintendent and present foreman are worthy of the credit which is due them since they have had the management of the mine. The fan producing ventilation is of the Crawford & McCrimmon type, 18 feet diameter, running 65 R. P. M. and producing 64,000 cubic feet P. M., which is ample, if properly conducted. The coal is mined by pick and machine and the mine employs 54 men. Haulage is done by mules to the sidetracks, then by motor to the outside, where an 18 ton motor takes it to the tipple, two miles on a 6 per cent. grade in favor of loads. I may say there have been some recommendations left at this mine on all my inspections. They have tried to comply with them for the betterment and sanitation of the mine. I had occasion to prosecute three men at this mine for solid shooting and, since then, I have found no bad practice in this line. The main haulage road has been lighted up by electric lights, as grades are steep. All cars are dropped out of rooms, as all rooms are on great pitch, making it dangerous to have a mule ahead of cars. All supplies are kept on hand required by law. Rules and laws are posted.

The fan is housed in wood and driven by electricity. The voltage is 550.

MORRIS WATTS, *General Manager.* HARRY FITZGIBBON, *Mine Foreman.*
S. G. BRALLEY, *Superintendent.*

BOTTOM CREEK COAL & COKE COMPANY.

VIVIAN.

No. 1102. *Bottom Creek No. 1—Drift.* Located on the N. & W. Ry., 8 miles from Welch, operating Pocahontas No. 3 seam, 6 feet thick, is one of the largest mines in the field, distance from outside to the face is 3 miles. Ventilation is produced by a 16 foot Capell fan with a booster fan helping. During the year, considerable improvements have been made in the extension of haulage roads and laying of larger steel. Very bad roof and it was found necessary to either clean up the airways from the outside .to the face, a distance of the entire length of the mine or drive new airways: the latter was resorted to and four extra entries are now being driven; more than a mile of these entries has been driven along the property line which parallels the present air courses. I have always found the mine well ventilated with the exception of a man being burned by gas, which was a case of the man passing a red lamp danger signal. I have found this mine fairly free from any accumulations of gas, however, where gas is known to exist in the Pocahontas seam anywhere below Keystone, the roof is bad and canvas may be knocked down by slate even after it was O. K. by the fire boss and gas accumulate.

A special inspection of this mine was made by Mr. Muir; gas was found on 13 diagonal, under the above circumstances. I have always made careful examinations and have even gone hundreds of feet further than I would ask a fire boss to go; have always found the gobs of abandoned workings free from gas. The dates in abandoned workings show they were examined every week. The return of this mine sweeps all old workings clean to outside. The main line haulage road was cleaned up of all its dust and debris, lights were installed every 100 feet, danger boards placed all through the mine in several languages where wire was located, as a precaution, signals were also hung throughout the mine directing the way outside. Foreman's and fire bosses' reports and record books were always written up properly, showing the air measured at splits and last break-throughs and showing the amount of men to each split. The fire boss' record always showed gas when gas was found, dates on record showed inspection of old works, also when mine was last watered, where dry, &c. Safety lamps are on hand. All supplies are kept on hand according to law. Men are checked in and out the mine. The mine is developed for a large tonnage under the most modern method of the Panel system. The coal is mined by pick and machine. Clay is used for tamping. Timbering is systematically set by company men and draw slate is taken down in all rooms to black slate, which is good.

S. W. PATTERSON, *Genl. Mgr.*
G. S. PATTERSON, *Supt.*
JOHN MAURICE, *Mine Foreman.*
A. W. GREER, *Mine Foreman.*
G. L. WILSON, *Fire Boss.*

BOTTOM CREEK COAL & COKE COMPANY.

VIVIAN.

General Office, Vivian.

No. 1103. *Bottom Creek No. 2—Drift.* Located on the N. & W. Ry., 9 miles from Welch, operating the Pocahontas No. 3 seam. The ventilation of this mine has always been satisfactory, but, as the mine has a large acreage, it will be necessary to install a larger fan. There have been three unfortunate fatal accidents at this mine during the year, all from slate, and two were due to carelessness of the miner.

Their improvements this year are: A boiler was installed outside to humidify the air, main air course was cleaned up of falls from end to end, all main haulage roads were cleaned up of debris and dust, a new sidetrack was put in, also a new overcast. Coal is all machine mined; production 600 tons per day and employs 121 men, inside. The coal is dumped on separate tipples. Supplies are kept on hand according to law. The mine liberates gas, but I have always found it clear. Foreman's air records are always found in good shape; the same is true of fire boss' records. All recommendations have been complied with.

S. W. PATTERSON, *Vice Pres. &*
Genl. Mgr.
G. W. PATTERSON, *Supt.*
C. W. DILLARD, *Mine Foreman.*
COLEMAN FRAZIER, *Fire Boss.*

CENTRAL POCAHONTAS COAL COMPANY.

ANAWALT.

No. 1104. *Nos. 1 & 2—Drifts.* Located on North fork of Tug river, on the N. & W. Ry., 20 miles from Welch, operating the Pocahontas No. 3 seam 6 to 7 feet thick. Twenty men are employed here, and ventilation is produced by a furnace, which gives 10,000 cubic feet of air, which is ample for this mine, as it will soon be finished, being all in pillars. Coal is mined by pick and shot by permissible powder and battery, hauled by mules and conveyed to the railroad by an inclined plane 1,900 feet long.

All supplies required by law are on hand. Plenty of timber was on hand.

H. K. KARPER, *Superintendent.*
E. T. LILLY & J. S. MONEY,
Mine Foremen.

CIRRUS COAL & COKE COMPANY.

BIG FOUR.

General Office, Pocahontas, Va.

No. 1105. *No. 2—Slope.* 700 feet long, located on the N. & W. Ry., 6 miles from Welch, operating Pocahontas No. 3 and No. 4 seams, stopped on account of faults. The ventilation is produced by a 12 foot fan running 90 R. P. M. and gives 60,000 cubic feet of air P. M. Has the worst roof conditions in my district. Coal is cut by machine and pick, clay being used for tamping. The mine liberates gas freely. All stoppings are plastered or built in cement. Steam is used to humidify the mine, which I have always found moist. Concrete overcasts with plenty of area; on account of bad roof conditions, air courses are hard to keep open. Brattice is subject, at any time, to be knocked down and gas accumulate, therefore, a careful watch has to be kept at all times for gas. The improvements, during the year, have been the installation of electric motors and electric cutting machines, also refuge holes made on slope and main haulage roads. A machine designed by James E. Jones, General Manager, was placed in this mine to cut the coal on the top, leaving 6 to 8 inches of coal; this, in my opinion, was a good plan, as the coal made a good roof and kept the air from disintegrating the roof, but, I understand, was not approved by the Land Company and was finally abandoned; systematic timbering was then resorted to, but is not as good as a coal roof and timbering. All rules and laws are posted and all supplies are on hand according to law. Foreman's and fire boss' records are well kept and everything is done to eliminate accidents.

HON. J. E. JONES, *Genl. Mgr.*
R. S. WHITEHEAD, *Supt.*
J. W. SHUFFLEBARGER, *Mine Foreman.*
R. B. MURPHY, *Fire Boss.*
J. D. NOLAN, *Asst. Foreman.*
T. SUTMAN, *Asst. Foreman.*

The last two men were put on voluntarily for safety.

CROZER COAL & COKE COMPANY.

ELKHORN.

General Office, Elkhorn.

No. 1106. *Crozer No. 1—Drift.* Located on the Norfolk & Western Railway, 16½ miles from Welch, working the No. 3 Pocahontas seam, 7 feet 10 inches thick.

Ventilated by a 20 foot exhaust fan, and I have found ample ventilation at all times. The coal is cut by machine and pick. The pick miners, on my first examination, were inclined to shoot from the solid. I took the matter up with the general manager, J. J. Lincoln, and superintendent, H. D. Smith, and they put on two face bosses to watch this bad practice, and, from then on, I saw no evidence of solid shooting. The mine employs about 200 men and is of large tonnage, roads are good and well kept, dust is loaded out of the mine, well disciplined and everything done to comply with the law, danger signals are placed all through the mine, in several languages, with lights attached, great arrows are painted on the roof to show the way out. All recommendations have been cheerfully complied with. A wash house has been built and the tipple has been remodeled to handle the tonnage, which is delivered to the same tipple as No. 2 mine. Lights are placed at all main line switches. Eighteen ton motors are used on main line and miners are forbidden to ride on the trips. The mine laws are in several languages and are placed in conspicuous places at the mine. A book of rules and mine laws is given to each employe. Clay is used for tamping. The coal is hauled by mules and electric motors.

J. J. LINCOLN, *Genl. Mgr.*
H. D. SMITH, *Supt.*
J. E. SMITH, *Mine Foreman.*
K. C. BRENT, *Mine Foreman.*
JOHN SMITH, *Asst. Foreman.*
H. T. NICEWANDER, *Asst. Foreman.*
ROBERT DAVIS, *Face Boss.*
PETE BEHEIM, *Face Boss.*

CROZER COAL & COKE COMPANY.

ELKHORN.

General Office, Elkhorn.

No. 1106-a. *Crozer No. 2—Drift.* Located on the Norfolk & Western Railway, 17 miles from Welch, and is working the No. 3 seam, 7 feet 10 inches thick, well ventilated with a 16 foot fan with a booster fan at the extreme end of the lease.

Part of the mine is machine coal and part pick. Pick miners were incline to shoot from the solid in this mine, but after prosecuting one or two for this bad practice and warning the foreman, it was finally eliminated. The improvement of this mine has been the lining of main road, loading out all dust from the main haulages, draining main haulage swags, putting up safety notices, placing lights at all switches on the motor roads, painting great white wash arrows to show the way out, and eliminating all bad practices.

Stretchers and blankets are kept on hand. Notices in several languages are posted and a book of rules is given to all employed. This mine has a good roof. Output dumped at the same tipple as No. 1. The coal is hauled by mules and electric motors.

J. J. LINCOLN, *Genl. Mgr.*	K. C. BRENT, *Mine Foreman.*
H. D. SMITH, *Supt.*	CHAS. NICEWANDER, *Asst. Foreman.*

EMPIRE COAL & COKE COMPANY.

LANDGRAFF.

No. 1107. *Empire—Drift.* Located 10 miles from Welch, on the N. & W. Ry., mining Pocahontas No. 3 and is the best laid off mine in my district, if not in West Virginia. The main heading is 3 miles to boundary. There are 15 diagonal headings turned off each heading extending 1 to 1½ miles to boundary, and not a room was turned off any entry until the entry reached the boundary, then a retreating system was begun with an absolute long wall face with the ventilation sweeping the gobs to the return. Concrete overcasts are put in and there are three splits in the current. A 16 foot fan running 85 R. P. M. gives 151,000 cubic feet of air P. M. The recovery of this mine last year was 95 per cent. It produces 1,500 to 2,400 tons daily. There are 700 mine cars in use. The relative humidity averaged for the year 95. The mine employs 250 men. The improvements during the year are 3,000 feet of new track laid of 56 pound steel on 9 right, cleaned up of dust and debris from end to end on main line, all machinery on tipple, pumps and any unprotected gear wheels have been guarded for safety. All recommendations have been cheerfully complied with.

The mine is divided into six districts with an assistant at each district to see that men mine their coal properly, tamp with clay and see to the propping with somewhat of pride, as to who can keep his district in the best shape. All coal is mined by pick. This plant has one of the largest modern tipples in the field with a sanitary town and good houses. A "Safety First" and "First Aid" movement has been established and everything is being done to comply with the law and eliminate accidents.

W. D. ORD, *Vice Pres. & Genl. Mgr.*
D. W. FARQUHARSON, *Supt.*

J. A. PEAKE, *Mine Foreman.*
ELI PEAKE. WILEY KEMP,
PETE WANNACHA, MATT PHIPPS &
SAM NICEWANDER, *Asst. Foremen.*
Q. A. MANNESS, *Fire Boss.*
WM. DIXON, *Fire Boss.*

EUREKA COAL & COKE COMPANY.

ECKMAN.

General Office, Powhatan.

No. 1108. *Eureka—Drift.* Located on the main line of the Norfolk & Western Railway, 11 miles from Welch, operating the Pocahontas No. 3 seam, ventilated by a 16 foot fan, which gives ample ventilation throughout. On my first examination of this mine. which has a very bad roof, I did not find sufficient timbers either at or in the mine, however, on all of my subsequent visits, I found the mine in good shape. The ventilation is conducted by overcasts and automatic doors. The coal is hauled by mules and steam locomotives. A humidifying system is installed and the humidity is kept at 97 the year round. The mine officials are competent in every respect. The mine law and rules are posted in a conspicuous place. All supplies required by law are on hand. The accidents are few considering the bad roof. All recommendations have been cheerfully complied with. Clay is used for tamping. The coal is mined by pick. The mine employs 165 men. The whole mine is in pillar work.

COL. L. E. TIERNEY, *Genl. Mgr.*
T. W. FITZSIMMONS, *Safety Inspector.*
R. H. SOUTH, *Supt.*

R. H. SOUTH, *Mine Foreman.*
V. L. MATHIS, *Fire Boss.*
RONEY MATTHEWS. *Asst. Foreman.*

HEMPHILL COLLIERY COMPANY.

WELCH.

No. 1109. *Hemphill—Drift.* Located on the N. & W. Ry., half a mile west of Welch, operating the Welch seam, 3½ feet thick, in fairly good shape. A new fan has been installed very recently and gives good results. The air is well conducted to the face and the mine foreman is interested in keeping faces well ventilated. The coal is cut by pick and compressed air puncher machines, hauled by mules and gasoline motor, then by incline to the tipple, most of it being used by the Norfolk & Western engines as fuel. Plenty of timber is on hand and plenty set. Most of the mine is in pillars. The roof is of shale and gives plenty of warning when caving. On my last visit, I found main haulage road had been cleaned up considerably and refuge holes whitewashed. Rules and mining laws are posted. Stretchers and blankets are on hand according to law.

F. J. BAXTER, *Supt.*

JOHN HUFFORD, *Mine Foreman.*

HOUSTON COAL & COKE COMPANY.

ELKHORN.

General Office, Elkhorn.

No. 1110. *Houston No. 1—Drift.* On the main line of the Norfolk & Western Railroad, 16 miles from Welch, working the No. 3 Pocahontas seam, which varies from 6 to 7 feet in thickness, roof is generally good, but a creep started in part of this mine on account of the pillars being too small and bad practice in splitting them. The roof is very dangerous in this pillar work, but is, however, well watched; plenty of timber is on hand and an effort is being made to stop the creep by clean extraction.

The coal is all mined by pick and miners were inclined to shoot from the solid, a very dangerous practice, which leads to explosions by blown out and windy shots. The foreman finally eliminated the practice when cautioned as to the danger. This mine has the best main line motor road in my district and is always kept in first class shape. The road is graded for the entire length of the mine, 2½ miles. All dust is loaded out and the mine is kept in a moist condition at all times. Notices are posted throughout the mine and safety first is being installed.

Clay is used for tamping. Ventilation has always been found good. The stoppings are well built and on my last examination I observed no bad practice. A hospital is at the mine and stretchers are on hand. The rules are posted in several languages. The mining law is given to each employe. My recommendations have always been complied with. The coal is hauled by mules and electric motors.

BENJ. LEWIS, *Genl. Supt.*	CRIS KERSHAW, *Foreman.*
E. L. STAFFORD, *Supt.*	DAN DEMAN, *Fire Boss.*

HOUSTON COAL & COKE COMPANY.

ELKHORN.

General Office, Elkhorn.

No. 1110-a. *Houston No. 2—Drift.* Located 16 miles from Welch, on the Norfolk & Western main line, operating the Pocahontas No. 3 seam, thickness of 6 to 7 feet. The main entry is driven through the mountain to North Fork branch. An 18 foot fan is installed at No. 1 mine. The air is divided for each mine and was well distributed. On all of my previous visits, up to my visit January 6, 1913, I found the mine poorly ventilated and considerable solid shooting being done. After prosecuting six men and cautioning the foreman, I found on my next examination the mine in better shape.

This mine hauls its coal around the mountain by motor and dumps at No. 1 tipple. The main haulage road of this mine is well graded and kept clean. The stoppings are stone and plastered. Clay is used for tamping. The mine is kept moist at all times. Rules are posted and recommendations are complied with. I may say that I have never detected gas in this mine. The coal is hauled by mules and motor.

BENJ. LEWIS, *Genl. Supt.*	GEO. GUY, *Foreman.*
E. L. STAFFORD, *Supt.*	DAN DEMAN, *Fire Boss.*

HOUSTON COLLIERIES COMPANY.

ELKHORN.

General Office, Kimball.

No. 1111. *Carswell 1 & 2—Shafts.* Located on the N. & W. Ry., on Laurel creek, 9½ miles from Welch, operating the Pocahontas No 3, 5 feet 6 inches, and 4 seams. No. 3 shaft, which is 235 feet to the No. 4 seam, has just reached the coal at this writing, coal is 4 feet 4 inches thick. It is intended to push this mine with all speed and extract the pillars so the lower or No. 3 seam can also be extracted. Both seams generate gas very freely and it may develop that they will have to be worked by safety or permissible electric lamps. The depths of 1 and 2 are 300 feet and at this writing are connected. The mines will be equipped with Clifford fans of large capacity. At present, a Thayer fan is used to develop. The latest modern machinery will be installed with a steel head frame and bins. At present, the coal is mined by company men, and hoisted in No. 3 by bucket and in No. 2 by cage.

BEN LEWIS, *Genl. Supt.*	WM. PRENTICE, *Foreman & Fire Boss.*
M. H. HALL, *Supt.*	JACK WOLSENCROFT, *Foreman & Fire Boss.*

HOUSTON COLLIERIES COMPANY.

ELKHORN.

General Office, Olmsted.

No. 1112. *Huger—Shaft.* 190 feet deep, operating the Pocahontas No. 4 seam, located 2 miles east of Welch, on the N. & W. Ry., ventilated by an 18 foot Capell fan. There are three splits in this mine for 108,000 cubic feet of air, and 180 men, humidified by steam.

A joint examination on the 24th day of May by E. C. Lambert, Isaac Murray and the writer was made with the fan shut down and it was decided to recommend locked safety or permissible electric lamps. A special examination was made by R. Y. Muir on the 19th day of December, 1913, when 30,000 cubic feet of gas was given off that day and lodged in what is known as the old Test entry; the place had been examined that morning, as the fire boss' dates showed after the gas cleared away. It was very fortunate this gas was found when it was, as a miner was working only 15 feet from it with an open light. Mr. Muir ordered all men out of the mine and came to Welch for the writer. We cleared it out during the night. A recommendation was given the superintendent that a man be kept on as pillar boss with a safety lamp to watch all falls and test at all times for any accumulation. The precaution was a good one, as on January 26, 1914, gas lodged in this same rock Test Entry, to the amount of 50,000 cubic feet, during the night, and was found next morning by the fire boss of that district. Large bodies of gas are freed, from every fall on pillars, given off from a rider of coal 15 feet above the seam working. The coal is 5 feet thick; the seam is faulty. A poor class of labor is employed here, not any one speaking English, except the officials, motor men and cagers. Permissible powder fired by electric battery has been put in during the year for safety. Also a hospital has been built outside to receive the injured. A superintendent has been put outside, also a superintendent inside. This has been done since the company changed from Middle States Coal & Coke Company to Houston Collieries Company. Everything is being done to bring the mine up to standard; a permissible electric lamp is now being installed. The second opening to this mine will be remantled with steel substituted for wood as a protection against fire. Mine laws are obeyed; rules are posted; signs and signals are written in Italian, "as this is the language spoken"; coal is hauled and gathered by motors

BENJ. LEWIS, *Genl. Supt.*
W. W. WOOD, *Supt.*
T. L. LEMAN, *Inside Supt.*

JOHN FARQUHARSON, *Mine Foreman.*
FRED SECTION, *Asst. Foreman.*
EVAN DAVIS, *Asst. Foreman.*
JOHN DOWED, *Safety Inspector.*
JAMES BROWN, *Fire Boss.*
BABE BARBER, *Fire Boss.*
R. B. MURPHY, *Fire Boss.*

KEYSTONE COAL & COKE COMPANY.

KEYSTONE.

General Office, Elkhorn.

No. 1113. *Keystone Nos. 1 & 2—Drifts.* Located at Keystone, 12 miles east of Welch, on the main line of the Norfolk & Western Railway, operating Pocahontas seam No. 3. The coal is dumped at No. 1 tipple. No. 2 mine was hauling its coal through No. 1 at the beginning of the fiscal year and, at this time, the conditions of both mines were anything but sanitary. The main haulage was congested by debris, mud in parts, dust, bad road, bad wiring, and many other features, but, under the management of A. J. Stewart, superintendent, a move was made for the betterment, and, at this writing, an outside track of 1½ miles was graded with 1 mile of graded inside track .6 per cent. in favor of load, with 56 pound steel. The slate is shot to black slate to a height of 10 feet. The drift mouths are concreted. Telephones are installed. The ventilation is improved, the drifts concreted, and has two intakes. It has the latest improved methods of mining.

No. 1 concentrates its coal at the mouth of No. 2, which cuts off all bad road for two miles. The mine is well lighted. Coal in both is pick mined. Clay is used for tamping. There is strict discipline as to shooting.

An accommodation car is run for miners at 7 A. M. and 5 P. M. A powder car is hauled by mule. Special insulated seats are made for each jack for safety and each jack is tagged so miner can claim it. No man or boy is allowed to ride on any trip except accommodation trips. All recommendations have been cheerfully complied with. Rules and laws are posted and harmony prevails between the Keystone Coal & Coke Company and the mining department.

Benj. Lewis, *Genl. Supt.*
A. J. Stewart, *Supt.*

P. F. Smith, *Foreman.*
James Smith, *Foreman.*
T. S. Campbell, *Fire Boss.*
Andrew Kutchin, *Fire Boss.*
Wm. Prentice, *Asst. Foreman.*

KIMBALL POCAHONTAS COAL COMPANY.

Big Four.

No. 1114. *Virginia—Slope.* Located on the N. & W. Ry., 6 miles from Welch, operating the Pocahontas No. 3 seam. No. 4 seam was at one time operated from same slope, but was abandoned on account of faults. On my first visit, it was not in good shape as to ventilation and an anemometer reading could not be got at last break-through of main heading on account of leaky stoppings and impeded passage way caused by falls in main air courses. The slope, which is 366 feet long and 98 feet vertical, did not have a refuge hole in it according to law. The approach to second opening was in bad shape. No drag was used on the slope trip; the tipple was in a dangerous condition. Upon recommendations, all stoppings have been rebuilt, air courses cleaned out, refuge holes cut in slope every 60 feet, a good walk way to the second opening has been made, the tipple has been rebuilt, also the trestle to the tipple. Ventilation at this writing is good and sufficient for the amount of men employed. Rooms are all on centers and the mine is in better shape all through. It is very wet. Coal is mined by pick, but preparations are now being made to cut by electric machine. Forty men are employed. Mules haul the coal to the foot of the slope. All recommendations have been complied with. Laws and rules are posted. The mine liberates gas and I have always found it well handled.

J. A. Staton, *Genl. Mgr. & Supt.* S. Perdue, *Mine Foreman.*

KING COAL COMPANY.

Vivian.

General Office, Kimball.

No. 1115. *King—Slope.* 700 feet. Located on the N. & W. Ry., on Laurel creek, 9½ mils from Welch, working the Pocahontas No. 3 seam. The men are checked in and out of the mine. It employs 239 men. The coal is mined by pick and machine. The mine is districted off to 30 men to a face boss, who has charge of his district absolutely, inspects all shots, sees that the cut is mined properly, timber is set properly, and to the general safety of his district. This mine liberates gas and is well taken care of. I consider the organization at this mine excellent as every official from the foreman to the fire boss has a first class certificate and all are well read on mining, and I am proud of this bunch of officials; they are always trying to eliminate danger, accidents and keep the mine safe. The mine is of large tonnage, hoisting some days 3,000 tons. Steam is used to humidify the mine, which I have found moist at all times. A 16 foot fan, running 140 R. P. M., produces 141,000 cubic feet P. M. with 3 inch W. G., giving ample ventilation throughout the mine, split into four splits, with large area concrete overcasts split equally. The rule is to have not less than 20,000 cubic feet at the last break-through. This is necessary, as air is conducted to all places by canvas. On my first visit to this mine I recommended the partition wall on the slope be re-plastered and all stoppings on main intake be re-plastered and cleaned up; this had been done and ventilation increased. The main line haulage has been cleaned from end to end. Everything has been done that I recommended. A test was made of this mine with fan shut down and it stood the test very well. Clay is used for tamping. All supplies are on hand according to law. All abandoned workings are fenced off. Dates show they are examined. A book of rules and laws is given to all employes on being employed.

A very unfortunate accident happened, during the year, which was fatal to the mine foreman, Alex London, and John J. Waller, slate foreman, caused by slate. Mr. London was considered one of the foremost mining men of the state, and his untimely demise was regretted. The second opening of this mine is the travel way on slope, which is well lighted up by electric lights.

C. H. BOARDMAN, *Genl. Mgr.*
B. C. HYLTON, *Supt.*
S. CAMPBELL, *Safety Inspector.*

CHAS. NUTTALL, *Mine Foreman.*
DICK MATTHEWS, *Asst. Foreman.*
WM. BEAR, *Asst. Foreman.*
JACK LAWTON, *Fire Boss.*
JOHN BELLIS, *Fire Boss.*
JOHN MILLINGTON, *Fire Boss.*

LAKE SUPERIOR COAL COMPANY.

SUPERIOR.

General Office, Cannelton.

No. 1116. *No. 1—Shaft.* 248 feet deep, operating the Pocahontas No. 3 seam, on the N. & W. Ry., 3 miles from Welch, has undergone wonderful change in one year, like No. 2, was owned by the Dixon Pocahontas Fuel Company and was in a deplorable condition up to the time it was taken over by the Lake Superior Coal Company, somewhat over a year ago. The shaft bottom was a one-sided affair, where they had to take the empties off to put load on. A loaded track would only hold 8 loaded cars. The voltage was 550, poorly conducted. The mine was badly lighted, poor motor, bad track and bad bonding; cages were unsafe for men to ride on; bull wheels were split off at flanges. I am pleased to say, at this writing, that the voltage has been changed to 250, wires are well conducted, and the track and bonding good. The mine has been developed on the south side. The shaft bottom has been shot down to a safe height for wire, steel "I" beams substituted for wood. New cages and new bull wheels have been put on. All draw slate has been shot down to the black slate. Wires are high. Mine has dumped 1,000 tons per day.

The town is sanitary and 50 new houses have been built. Also a new store. Black powder has been eliminated and permissible powder, substituted, discharged with batteries. Clay is used for tamping. I am sorry, however, to say four men have been burned at this mine by gas. A joint examination was made of this mine and it was decided to place it on locked safety lamps or permissible electric lamps, which are expected to be installed in July, 1914.

F. O. HARRIS, *Genl. Mgr.*	RAYMOND DAVIS, *Mine Foreman.*
J. A. STRAUGHN, *Supt.*	R. E. FRANKLIN, *Fire Boss.*
	JASPER TRIPPLETT, *Fire Boss.*

LAKE SUPERIOR COAL COMPANY.

SUPERIOR.

General Office, Cannelton.

No. 1117. *No 2—Shaft.* 160 feet deep to the No. 4 seam, 4 feet 6 inches thick, on the N. & W. Ry., 3 miles east of Welch. This mine has had a bad record of fatal accidents from electric shock of 500 volts, wire was low and badly conducted, but I am pleased to say the company reduced the voltage from 500 to 250. It is surprising to me that this mine should be examined from time to time, without improvement, when the wire conditions were of such as to have over 2,000 feet. of ½ inch iron rod on main haulage for wire; hangers were of lag bolts, driven into the roof and a clamp to hold wire with no insulation whatever, the wire was in middle of road in many cases and no wonder fatal accidents occurred. Upon my recommendation this iron rod for wire was taken down proper wire well conducted was put up 10 inches outside of rail, lights were placed at all low places to show wire.

The mine is faulty. The ventilation has always been poor and on June 4th part of the mine was shut down on this account, when two men were badly burnt; an explosion occurred by these men disregarding a danger signal and, had the mine been a dry mine, a second general explosion would have been inevitable. These men are in Welch hospital at this writing and will be prosecuted, when they get better, for passing a danger signal, or, if they can prove no signal was up, then the fire boss will be prosecuted. At this writing, the mine is in fairly good condition. Permissible powder is used, also batteries, and clay for tamping.

F. O. HARRIS, *Genl. Mgr.*	MIKE BARRON, *Mine Foreman.*
J. A. STRAUGHN, *Supt.*	FRED DIXON, *Fire Boss.*

LYNCHBURG COAL & COKE COMPANY.

KYLE.

General Office, Powhatan.

No. 1118. *Lynchburg—Drift.* Located 14 miles from Welch, on the main line of the Norfolk & Western Railway, operating the No. 3 Pocahontas seam, 7 feet 6 inches thick, ventilation is produced by a 16 foot fan and is good, a humidifier is installed and, on the coldest days in winter, I have recorded 97 humidity. 160 men are employed inside. Coal is mined by pick. Clay is used in tamping. Solid shooting and all dangerous practices have been eliminated by rule. More than 1½ miles of track on the main line have been relaid and the dust loaded out on my recommendation. Plenty of timber is kept in pillar work. Rules are posted in all languages; working mine laws are issued to all employes. "Safety the First Consideration" is posted throughout the mine. Stretchers, blankets, and a first aid kit are kept on hand.

L. E. TIERNEY, *Genl. Mgr.*
L. J. SOUTH, *Supt. & Mine Foreman.*
JAS. ARMSTRONG, *Asst. Foreman.*
JOHN ARMSTRONG, *Fire Inspector.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

JED.

General Office, Charleston.

No. 1119. *Havaco—Shaft.* Located on the N. & W. Ry., on Tug river, two miles from Welch, shut down July 20th, 1913, for repairs to the mine and both main and second openings. On my last visit, May 20th, 1914, the main shaft had been concreted complete from top to bottom. The forms were being put in to start on the second opening. A temporary fan had been put in the mine and only 18 company men were allowed in the mine at one time and these men were cleaning up the airways and haulage roads. The shaft bottom has all been overhauled—new overcasts have been put in and new sidetracks made. The mine will be re-wired. A new steel tipple has been built, also a stone boiler house with brick smoke stack. The latest improved cages have been put on with new ropes. This mine will not be ready to work until October. All men inside are under the charge of a foreman and fire boss and the mine is examined every day. A new store and 50 new miners' houses have been built, also a new office. The town has all been repainted and cleaned up. I understand wash houses for the miners will be built, also a first aid receiving hospital.

H. M. BERTOLETT, *Genl. Supt.*
W. H. STEEN, *Mine Foreman.*
O. M. KNOUFF, *Supt.*
R. M. LAMBIE, *Fire Boss.*

OREGON COAL COMPANY.

HEMPHILL.

No. 1120. *Oregon 2, 3 & 4—Drifts.* Coal is dumped at one tipple, which is located 1½ miles west of Welch, on the N. & W. Ry. The coal is low, average thickness of 3 feet 7 inches in No. 2 mine is all pillar work. No. 3 is a new mine. I have found these mines in fairly good condition on my examination; ventilation could, of course, be improved by plastering the stoppings. Considerable improvement has been and is still being done at this mine. Electric haulage has been installed. Heavy steel has been laid. The roof has been shot for wire, which is well conducted. The coal is let down to a tram road by inclines, then hauled by steam locomotive to the tipple, one mile. A conveyor is now being installed to handle the coal and seven ton steel drop bottom cars will be used to haul the coal to tipple. Mules are used to gather the coal to the sidetracks. These mines employ 88 men with an output of 600 tons per day, are free from gas and are always in a moist condition. The coal is mined by air machine and pick. Clay is used for tamping. Plenty of timber is always on hand. Rules and mining laws are posted. All recommendations have been complied with.

ROBERT WATSON, *Supt.*
WM. ASCAUGH, *Mine Foreman.*
J. J. BROMFIELD, *Mine Foreman.*

PAGE COAL & COKE COMPANY.

PAGETON.

General Office, Philadelphia, Pa.

No. 1121. *Nos. 1 & 3.* Located 15 miles from Welch, on Tug river and on a branch of the N. & W. Ry, operating Pocahontas No. 3 seam, 7 to 8 feet thick, ventilated by an 18 foot fan running 75 R. P. M., producing 80,000 cubic feet P. M., divided into two splits, employs 130 men. No. 3 mine is opened up through a tunnel of No. 1 and is being developed on modern Panel system, developing the Panels to boundary before turning off any rooms. This mine is in first class shape. All slate is taken down to black slate; as Panels are formed, side tracks are made and wire extended, 60 pound steel laid, stoppings are built as they go along and the mine is modern in every respect. Coal is hauled by electric motors and is machine mined. Ventilation was good on all entries on my last examination. No. 1 was in bad shape on my first examination; dust, slate and old ties strewn all over main haulage roads. Solid shooting was prevalent among the Greek pick miners. The roof was bad in pillars, not sufficient timber being set. This mine had a record of three fatal accidents during the year on account of poor discipline, and the company men doing the timbering. I called the attention of the general manager to these conditions, when two extra assistant mine foremen were put on. Nearly a mile of dust, slate and old timber were loaded off the haulage roads. Men were compelled to set timber when necessary. I prosecuted several Greek miners and cautioned the foreman about allowing solid shooting, which has been eliminated and today the mine is in good condition, considering the very bad roof, which was caused by allowing pillars to stand from 8 to 20 years. I am sorry to say we will have accidents as long as pillars must be extracted under this old method of working, as rooms are all caved in on both sides of pillars and when pillar is extracted, 2 feet to 30 inches of draw slate must be handled. Coal is hauled by mules to side tracks, then by motors to the outside and over a mile of tram road to tipple, then conveyed to railroad, 560 feet, by a conveyor. Considerable coke is made, having 171 ovens in blast. Houses are fairly sanitary. A new store is now being built. The manager has always been willing to co-operate with the Department of Mines in complying with the recommendations issued.

E. H. EVANS, *Genl. Mgr. & Supt.* J. A. GALLIMORE, *Mine Foreman.*
JACK COONEY, *Asst. Mine Foreman.*
WM. SEVER, *Asst. Mine Foreman.*
ELLA SWIM, *Asst. Mine Foreman.*

PAGE COAL & COKE COMPANY.

PAGETON.

General Office, Philadelphia, Pa.

No. 1121-a. *No. 2—Drift.* Located 15 miles from Welch, on Tug river, on a branch of the N. & W. Ry., operating Pocahontas No. 3 seam, 7 feet thick, coal is mined by pick and machine and 100 men are employed, coal is hauled by mule to side tracks, then to tipple by motor. is dumped at same tipple as 1 & 3 mines. The ventilation of this mine is produced by two 6 foot electrically driven fans, which produce 28,000 cubic feet of air, divided into two separate splits, each fan taking its own split. Mine employs 68 men, producing 325 tons per day. On my first visit to this mine, considerable solid shooting was done, and I cautioned the foreman as to this bad practice; on my return, he had eliminated it and I gave him great credit for so doing. Another bad practice was the company setting all timbers, which I advised the miners should do, as they knew best when a prop should be set; this was done and the mine has had very few accidents since. All main stoppings are built of masonry. Clay is used for tamping. From my first visit, I have had no cause for complaint. The mine has always been kept in a damp condition. All supplies required by law are kept on hand. Laws and rules are posted.

E. H. EVANS, *Genl. Mgr. & Supt.* THEO. HANNA, *Mine Foreman.*
WM. SURFACE, *Asst. Mine Foreman.*

PEERLESS COAL & COKE COMPANY.

VIVIAN.

General Office, Philadelphia, Pa.

No. 1112. *Peerless No. 1—Drift.* Located on the N. & W. Ry., 8 miles from Welch, operating the Pocahontas No. 3 seam, 6 feet thick, and all pick work. The main headings of the No. 1 mine will go 2,000 feet to boundary. Practically the mine is all standing in pillars, this pillar work being a dangerous proposition, as rooms have been left standing for 20 years in some cases and have all caved in, which now have to be cleaned up. The pillar in most cases is not 15 feet thick with a broken draw slate of 30 inches, which has to be taken down with every car of coal dug, making it very expensive to extract, however, with all its bad conditions, we have had very few fatal accidents at either No. 1 or No. 3 mine during the year. A new Panel system was laid off, where pillars could be extracted, as soon as room was finished, with same road and, I am told, extracts 95 per cent. of the coal. The mine has a fine watering system on all main headings, with hydrant plugs every 75 feet, which keeps all main roads moist. The mine is kept clean of dust accumulations, with plenty of ventilation produced by a 16 foot Jeffrey fan, running 100 R. P. M. and giving 110,000 cubic feet of air. The improvements in this mine during the year are a new 400 foot side track at the 11th left, also a new 400 foot side track at 14th left, laid with 56 pound steel. Coal is hauled by mules to the side track and then to the tipple by motor. All supplies are on hand according to law and all recommendations have been complied with. The mine employs 160 men inside and produces 700 tons per day. No. 3 mine is practically the same mine, but a separate drift, all in pillars, which leads the breaking line of pillars. The roof is very dangerous and great care must be taken at all times to extract the coal clean and only a certain amount of men can work in this mine on account of pillars crushed from long standing. I have always found everybody, officially, on duty when I visited the mine. All supplies on hand according to law. All recommendations are cheerfully complied with. Both mines dump at the same tipple.

R. Y. Luther, *Supt.*
Thos. Barrett, *Mine Foreman.*
Thos. Booth, *Mine Foreman.*
Robt. Clark, *Asst. Foreman.*
Amos Hollins, *Fire Boss.*

PEERLESS COAL & COKE COMPANY.

Vivian.

General Office, Philadelphia, Pa.

No. 1122-a. *Peerless No. 2—Drift.* Located on the N. & W. Ry., 8 miles from Welch, operating the Pocahontas No. 3 seam, 6 feet thick, ventilated by a 16 foot Jeffrey fan at No. 1 plant, which, on all occasions, I have found producing ample ventilation. A new opening is now being driven to the outside for a split to the upper workings, which will also act as a travel way for men and mules. The improvements during the year are: Installation of motors for main line haulage, 56 pound steel laid, a new tunnel driven to tipple, double tracked, steel "I" beams were placed to maintain roof. The mine is laid out in a modern way with the panel system. All coal is pick mined. Clay is used for tamping and plenty of timber set and plenty on hand. The main entry is laid out for a double track system. The tipple is of the latest modern type and can handle 2,500 tons per day. The mine employs 163 men inside. All recommendations have been complied with and all necessary supplies are on hand according to law. The mine produces 800 tons per day.

R. Y. Luther, *Supt.*
Sam Michell, *Mine Foreman.*
Jas. Blenkinship, *Mine Foreman.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

Jenkinjones.

General Office, Pocahontas, Va.

I wish to make a short Preamble here, before going into detail of these mines, which is due to the management.

Two years ago work was begun to slash and cut out for the town of Jenkinjones, which is located at the head waters of Tug fork, a branch of Tug river, 22 miles from Welch. Eight operations have been opened, with three tipples, all equipped with 8 foot blower fans, which are temporary, 7-1 and 7-5 dump coal at No. 7 plant—6-8, 6-4 and 6-1 dump their coal at No. 6 plant, which are on opposite sides of the valley at the extreme head of the North Fork of Tug River, on a branch line of the N. & W. Ry. from Anawalt, 7-1 8-1, and 8 D dump their coal over one tipple at No. 8 plant, located on Harman Branch, one mile up the branch from Tug Fork. The coal is hauled by electric motors around the mountain to the tipple and is switched back to 8 D mine. The coal at this latter plant varies from 6 to 8 feet and, in some cases, carries a bone in the middle which thickens until it is left. These mines are worked on a 7 entry system with concrete stoppings every 500 feet, which cut off the system into panels. The mines at No. 7-1 and 7-5 at 7 plant have much the same conditions, but the mines 6-8, 6-4, and 6-1 have high coal running as high as 14 feet. A small rash has formed, from two to 4 feet from bottom, which is cut out by an electric machine, mounted on a truck, which has a range of 18 feet and has cut from 20 to 30 places in one night. The coal is shot in sections according to height of the seam. The roof is fairly good with a draw slate of 4 inches which is scaled down by miners standing on the car, with bars. The track is laid close to the coal so machine can get close up to cut. These plants have an aggregate output of 100,000 tons per month; this development has all been done in two years. A tunnel is now being driven at 6-1 mine to drain Bossevain mine in Virginia, also a tunnel is being driven at 8-1 mine at 8 plant to drain this mine. The town is the most modern up-to-date town in Southern West Virginia, and has a population of 5000 inhabitants, with schools, moving picture show, and several churches of the different denominations. Each house has its own yard and garden; a board walk is laid the entire length of the town and this has all been done in two years. The fatal accidents have been few, considering the tonnage.

Appalachian power is used of 550 volts. All fans are capable of 45000 cubic feet of air per minute.

JAMES ELLWOOD JONES, *Genl Mgr.*
C. W. ATKINSON, *Superintendent.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

General Office, Pocahontas, Va.

No. 1123. *No. 6.* This mine operates the Pocahontas No. 3 seam, 8 to 12 feet thick, all machine mined—permissible powder, electric detonators and battery are used. The coal is taken down in sections according to height, is gathered and hauled by electric motors, absolutely. A seven entry system is advanced on all main entries. Panels are blocked off at proper distances and, at this writing, very few rooms have been started as it is the intention to form the Panel first. Mines are well lighted up. Wires are well conducted. The mines are well ventilated by an eight foot fan running 190 R. P. M. giving 45000 cubic feet of air per minute. Mines are kept moist at all times. Recommendations have always been cheerfully carried out and everything is done to safeguard their employees. Foreman's records are well kept. Plenty of supplies are on hand, as required by law.

JAMES ELLWOOD JONES, *Genl. Mgr.*
C. W. ATKINSON, *Superintendent.*

W. PEARMAN, *Mine Foreman 6-4 Mine.*
J. W. PEARMAN, *Mine Foreman 6-8 Mine.*
ALF. HALL, *Mine Foreman, 6-1 Mine.*
ROBERT WALLACE, *Company Inspector.*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

General Office, Pocahontas, Va.

No. 1124. *No. 7* This mine operate Pocahontas No. 3 seam which varies from 6 to 12 feet in thickness. The coal is mined by electric chain machines, mounted on a truck with a range of 18 feet, they cut in the rash which is from 2 to 4 feet from the bottom and the machine is lowered according to height of the rash. Rash is not loaded out. Electric motors gather the coal to the partings, or side tracks, where large motors take it to the tipple. Ventilation is produced by an 8 foot fan which gives ample ventilation for this present development. The mines have always been found moist. The coal is shot by permissible powder, electric batteries being used. Clay is used for tamping and everything is done to eliminate accidents. The mines are well lighted at all switches by electric lights. Appalachian power is used and fan houses are of wood which is an element of danger, should a fire occur. This was one of the first mines to install permissible powder and batteries. I may say that since the batteries have been installed to do the blasting, I have not had much cause for complaint. Mine records are well kept and plenty of supplies on hand; mine has a 7 entry system laid off by Panels.

JAMES ELLWOOD JONES, *Genl. Mgr.*
C. W. ATKINSON, *Supt.*

J. W. ATKINSON, *Mine Foreman.*
S. H. HARRIS, *Asst. Mine Foreman.*
ROBERT WALLACE, *Company Inspector*

POCAHONTAS CONSOLIDATED COLLIERIES COMPANY, INC.

JENKINJONES.

General Office, Pocahontas, Va.

No. 1125. *No. 8.* This mine operates the Pocahontas No. 3 seam on Harman Branch, varies from 6 to 12 feet in thickness and is cut by electric chain machine, mounted on a truck with a range of 18 feet, ventilated by an eight foot fan which gives good results for the development.

A 7 entry system is driven with Panels turned at 550 feet. Electric motors gather the coal to the sidetracks, then it is hauled outside for one mile to the tipple by an 18-ton electric motor. The outside track is of large steel well laid. The power is supplied by the Appalachian Power Company and voltage is 550. Fans are electrically driven and housed in wood. I have always found this mine in good condition, except I had to recommend at one time Sec. 8 and 25, Rules etc., which were complied with. The mines were always moist on all inspections. Coal is shot by permissible powder and batteries. Mine Foreman's records were always in good shape. Stretchers and blankets are on hand.

JAMES ELLWOOD JONES, *Genl. Mgr.*
C. W. ATKINSON, *Superintendent.* R. C. MITCHELL, *Mine Foreman 7-1 & 8-1 Mine.*
J. M. DALTON, *Mine Foreman 8 D. Mine.*
ROBERT WALLACE, *Company Inspector.*

POCAHONTAS SMOKELESS COAL COMPANY.

WELCH.

General Office, Thurmond.

No. 1126. *Poca Smokeless—Drift.* Located one mile west of Welch on the N. & W. Ry., working the Welch seam, which is 3 feet, six inches thick. The roof is slate and fairly good. I have always found plenty of ventilation in this mine and plenty of props and caps on hand. Considerable improvement has been done at this mine during the year. Two new storage battery motors have been installed which cut off 9 mules. Thirty pound steel has been laid for 5,000 feet. These motors are a decided success, giving entire satisfaction, working under a guarantee to haul 400 tons per day, which they have done with only half the voltage used. The ventilation has been greatly improved by a drift being put out through the mountain, and also plastering the stoppings. The mine employs 50 miners. The coal is high in the mountain and considered the best coal in America. The analysis shows nearly that of the Welsh coal in Wales, Eng.

Coal is dropped down a mountain by plane 900 feet long. The mine law and rules are posted, and each employee has a copy. All recommendations have been cheerfully complied with.

JOHN W. WEDGEWOOD *Supt.* WM. MUSSER, *Mine Foreman.*

POWHATAN COAL & COKE COMPANY.

POWHATAN.

General Office, Powhatan.

No. 1127. *Powhatan East & West—Drifts.* Located on the main line of the Norfolk and Western Railway 15 miles from Welch, operating the No. 3 Pocahontas seam, ventilated by a 16-ft. fan. I have always found the ventilation fully up to the law. The roof is good. Coal is mined by pick and machine; employ 186 men inside. The coal is hauled by mules and electric motors. This is one of the best humidified mines in my district, if not in West Virginia, average the year round of 97 humidity. There is no fear of a dust explosion under these conditions. I may say that this mine had some bad practices; namely, solid shooting, but, after going over the matter with the general manager, Mr. Tierney, he decided on strict discipline in this line and posted notices and issued orders to strictly comply with the recommendations of the state mine inspector and eliminate any bad practices under his direction at any mine.

I have always found the management ready to suggest for the betterment of the law and "Safety First" is his motto I am proud of his support. Mr. Tierney was one of the first of the main line operators to forward the "Safety First" movement. Mining laws are printed in all languages. Rules, stretchers, blankets and safety lamps are kept on hand. I have always found the fire boss' and mine foreman's records in good shape.

The town has a library and meeting room for mine officials, where they meet once each week and discuss mining. This originated in 1913-1914.

L. E. TIERNEY, *General Manager.*
W. T. HEATHERMAN, *Superintendent.*
LARRY LABROSKI, *Mine Foreman.*
J. H. GENT, *Fire Boss.*
J. F. BOWLES, *Fire Boss.*
T. W. FITZSIMMONS, *Safety Inspector.*

PULASKI IRON COMPANY.

ECKMAN.

General Office, Philadelphia, Pa.

No. 1128. *Nos. 1 and 2—Drifts.* Located on the Norfolk & Western railway 11 miles from Welch, operating Pocahontas No. 3 seam which averages 6 to 7 feet thick. No. 1 mine will finish in one to two years, which is all pillar work, with a very bad roof which requires expert miners, and I am pleased to say that few accidents have occurred in this mine.

No. 2 is very large, extending 3 miles and producing 1200 tons of coal per day and employing 208 men and boys. The coal is hauled by mule and motors, cut by pick and machine. A 16 foot fan, produces ventilation which I have found ample at all times. All stoppings are of concrete, with concrete overcasts. There are danger signals at all points where men may come on the main line, cautioning them as to the wire. A special traveling way for men and mules is provided, is lighted up by electric lights, has universal signal boards, in all languages, with hand pointers to show men out of the mine. All abandoned workings are fenced off. Laws and rules are placed in frames. There is a telephone system all through the mine. All recommendations are freely complied with and the superintendent was one of the first to put on a safety inspector at the suggestion of the Department to reduce the accident list. During the year, an up-to-date sanitary wash house was built for the employees with 358 lockers, steam heated to 70 degrees F., concrete floor, self drainage, divided for whites and colored with an attendant at all times whose duty was to keep it clean and sanitary, this the company keeps up free of charge and I can assure you it is well patronized. All coal of No. 1, No. 2, and No. 3 mines is concentrated at No. 1 tipple where all machinery is guarded for safety. 250 coke ovens are in full blast all the time.

Floyd E. Cunnyngham, *Superintendent.*

J. M. Shank, *Mine Foreman.*
James Lawrence, *Mine Foreman.*
Charles Cooney, *Fire Boss.*
Jas. McGinnis, *Safety Inspector.*
W. S. Kesling, *Safety Inspector.*
Frank Belvens, *Assistant Foreman.*
H. B. Thompson, *Assistant Foreman.*
Franklin Kaul, *Assistant Foreman.*
John Ollis, *Assistant Foreman.*
W. L. Quesenbury, *Assistant Foreman.*

PULASKI IRON COMPANY.

Eckman.

General Office, Philadelphia, Pa.

No. 1128-a. *No. 3—Drift.* Located on the main line of the Norfolk and Western Railway, 11 miles from Welch. The coal is hauled and gathered by a five ton electric motor to 450 feet plane, then to the tipple by electric motor for one mile. This is an up-to-date mine, all headings are driven to the boundary line and not a room turned off. A watering system is installed by pipe line with hydrant hose connections every 75 feet with a pressure of 50 lbs. per square inch. The drift mouths are of concrete. The fan is of the Jeffrey type, 10-feet in diameter, equal to 200,000 cubic feet of air per minute under a 3 inch W. G. The mine is clean and neat and all draw slate is taken down and loaded out. The law is observed in every detail. No recommenations have been necessary for this mine. The coal ranges from 6 to 7 feet thick. The mine employs 52 men. The coal is dumped at No. 1 tipple.

Floyd E. Cunnyngham, *Superintendent.*
James McGinnis, *Safety Inspector.*

W. S. Kesling, *Mine Foreman,*
J. M. Shank, *General Mine Foreman.*

SHAWNEE COAL & COKE COMPANY.

Eckman.

General Office, Eckman.

No. 1129. *Shawnee—Drift.* Located on the Norfolk and Western Railway, 11 miles from Welch, working the No. 3 Pocahontas seam, ventilated by a 15 foot fan giving plenty of ventilation for the mine. I measured not less than 19,000 cubic feet of air at the last breakthrough. The air is split into two currents and nearly evenly divided. Traces of gas had previously been reported but I have not detected even a trace on any of my examinations. A fire-boss is kept and the mine is examined every day, and a record kept of conditions found.

This mine has about one year yet of solid work, then everything will be pillar work, as it is standing on pillars. The roof is bad and experienced miners are necessary to extract the coal. The mine has had very few accidents, which I attrimute to the miners who are old standards and understand the roof, and to the watchfulness of the officials in charge. It employs 112 men. The coal is hauled by mule to the side tracks and then by motor to the tipple. All recommendations have been complied with. All rules and mining laws are posted. Blankets and stretchers are kept on hand according to law. Electric wires are protected at crossings. Lights are placed at the switches. Danger signals are hung at all points necessary for safety. Mining laws and rules are handed to each man employed. The mine has been improved by ditching for drainage.

MORRIS WATTS, *General Manager.* M. A. SEXTON, *Mine Foreman.*
J. C. CAMPBELL, *Safety Inspector.* W. J. CARTER, *Assistant Foreman.*
W. H. KESLING, *Assistant Foreman.*
man.
TOM NORRIS, *Fire Boss.*

STANDARD POCAHONTAS COAL COMPANY.

CAPLES.

General Office, Cleveland, Ohio

No. 1130. *Standard—Shaft.* 360 feet deep, located on the N. & W. Ry., 2½ miles west of Welch, operating Pocahontas No. 3 seam with an average thickness of 5 feet. This mine is working with locked safety and electric lamps, generates gas very freely and requires careful handling. The coal is mined by electric long wall chain machines that cut 10 feet deep. Permissible powder is used. Shots are inspected and fired by battery. Three joint inspections were made during the year and recommendations were made for the betterment and safety of the mine, which have been carried out by the company. A 14 foot fan produces the ventilation and, at 80 R. P. M., 63,000 cubic feet P. M. is supplied and is ample for the development at present but, on account of the very bad roof conditions, it requires a constant watch on the canvas to keep the air up to the face. I have had to caution the foreman several times as to gas accumulations at the face. The mine is subject to gas blowers under heavy pressure, and, at one time, 4,000 cubic feet of air was concentrated on a blower but did not dilute it. The mine is inspected twice each month and it was found necessary to make a change of fire bosses and later the mine foreman resigned, which was satisfactory to the Department of Mines, as he did not handle the situation seriously enough for the conditions existing. The present foreman and fire boss are both competent men and the organization is better. Clay is used for tamping. A new system of mining is now being tried. Rooms have two roads in them, a board brattice running up the center which conducts the air up one side and down the other; rooms to be 600 feet long and, in my opinion, will not be satisfactory under the roof conditions. The second opening has a cage and steam engine hoist. The main shaft is of concrete with a modern steel tipple and concrete bins. Men are checked in and out of the mine. All machinery is examined every day. The shaft bottom which was badly cut up, has been recently concreted. The pump house, which was condemned, has been rebuilt of concrete; the stables, which were also condemned, have been moved to the outside. Everything is being done to make the mine safe and sanitary. The mining laws and rules are posted and a copy given each employee. The voltage is 250. The mine employs 103 men producing 500 to 600 tons per day.

F. A. KEARNS, *Supt.* JAMES HORNE, *Mine Foreman.*
F. L. WELLS, *Fire Boss.*

TIDEWATER COAL AND COKE COMPANY.

VIVIAN.

No. 1131. *Tidewater—Drift.* Located on the N. & W. Ry., 8 miles from Welch, operating the Pocahontas No. 3 seam, is ventilated by a 12 foot Jeffrey fan, running 220 R. P. M. and producing 90,000 cubic feet of air per minute with a 3⅝ inch W. G. This mine was pointed out to me as dangerous and gaseous and was talked of as a "magazine" therefore, it was the first mine I visited as Inspector, staying three days and examining every hole and corner in it, failed to even find any standing gas to justify the name "magazine," however, I did recommend that the air courses be cleaned up and all stoppings re-plastered and a change be made in the ventilation so the return air would sweep the gobs of the old workings; this was done during the year. The mine has two intakes up to nine right and two returns the entire length of the mine. The ventilation was increased 23,000 cubic feet at the main face but, as the mine has over a mile to go yet, the management at this writing is preparing to install a new fan of larger capacity to take care of the ventilation for the entire life of the mine. I have always had the co-operation of the General Manager and officials and any suggestion I would make would be carried out in its entirety. Bad roof and needs careful propping; dangerous draw slate which is middle propped as soon as the coal is shot, then taken down at night. All coal is mined by pick; clay is used for tamping. I have never even found any signs of solid shooting or bad practices in this line. The mine is in 2½ miles. The coal is hauled to the side tracks by mules then to outside by motors. I have always found the mine in a moist condition, and plenty of props on hand and plenty set. The miners are all old standards, and practical. Danger signals are posted throughout the mine as to wire; signs, with lights attached, are posted to show the way out. There is an accommodation trip run each morning and night to carry men to and from their work. Rules and mining laws are posted in several languages. Stretchers, blankets and lamps are on hand as required by law. Men are checked in and out as recommended by the Inspector.

C. H. Boardman, *Genl. Mgr.*
B. C. Hylton, *Supt.* J. O. Smith, *Mine Foreman.*
Sam Campbell, *Safety Inspector.* Thos. Stockdale, *Fire Boss.*

TURKEY GAP COAL & COKE COMPANY.

Ennis.

General Office, Ennis.

No. 1132. *Turkey Gap—Drift.* Located on the main line of the Norfolk & Western Railway, 18 miles from Welch, in the Pocahontas No. 3 seam, 7 feet, 9 inches thick. Ventilation is produced by an 18 foot fan which gives good results. The mine is retreating on Main chain pillars and stumps, and may last, on a small tonnage, for 4 or 5 years,. Steam locomotives haul the coal. The roof is fairly good; plenty of timber on hand. The mine is wet and moist at all times. Stretchers and blankets are kept on hand. I have always found previous recommendations had been complied with.

Ed J. McQuail, *General Manager and Superintendent.* Jack Cooney, Sr., *Mine Foreman.*

UNITED STATES COAL AND COKE COMPANY.

Gary.

I wish to say that the motto of this Company is "Safety The First Consideration," and it is not only written but lived up to. Herewith are the Standard Rules of all the mines of the United States Coal and Coke Company for the several departments and a glance will show you a system and discipline.

At a banquet held last fall for the benefit and recognition of all officials for merit and demerit of the several mines under the management of General Edward O'Toole, he expressed himself very forcibly that he expected a million tons of coal mined for each fatal accident and, to get this done, a special premium was offered to all officials for desired results during the slack time or depression in the coal trade, when it is thought that more accidents occur after an idle day than working full time. It is not necessary for me to go into detail further as the following standard rules of this Company will show absolute discipline of their mines. I will, however, state further that this Company leads the field in tonnage and safety, there being less fatal accidents per ton of coal than any other operation in the Eleventh District, each operation being equipped with a First Aid Team which must exercise one day each week at headquarters at Gary. All mines are equipped with a Pulmotor and Draeger Helmet outfit. Special receiving hospitals are at each mine to take care of the injured. Each mine has a model miner's cottage, with a special nurse in charge whose duty is to visit the sick, see that the houses are kept in a sanitary condition, show economic methods of cooking, and each mine has a club room for all officials where billiards, pool and other games of pastime may be played. A reading room is provided for the miners, with barber shop and baths attached.

A new method of mining is now being put in operation where all coal will be extracted advancing; it is the most economic. Mule haulage is the best the writer has ever seen. Five mules hauled 999 tons in one day. I wish to say, at one mine, electric lights are even up to the face of heading and also to face of rooms, the superintendent believing he can get more efficiency from mule and driver. I have always had the cordial co-operation of General O'Toole and all Superintendents and Foremen of this corporation.

In addition, they have a premium system, for the prevention of accidents, whereby each official, from the mine foreman down, receives a cash premium each month if he is successful in preventing any accidents to the men who are working for him. The following is the method of awarding these premiums.

Qualifications. 1. No person shall be entitled to participate in the premium who has not passed an examination as to his physical and mental qualifications before a resident physician.

2. No man shall be eligible for a premium, for any month, in any position, who has not worked in that position every working day, excepting one, during that month, unless he shall have been promoted during the month from one position to another, and is eligible in both positions. No excuse will be accepted for sickness, vacation or any other cause.

3. His work must be satisfactory to his superior who has the right to charge him with demerits to the amount of ten per month.

4. This premium will not be considered as part of the assistant foreman or foreman's wages and is strictly in the nature of an award or a gratuity for faithful services rendered the Company.

Distribution of Premium. Premiums will be distributed on the following basis:

1. Each foreman or assistant foreman will be charged demerits for each man who is injured under his charge each month, at the rate of ten demerits for each minor accident, twenty demerits for each serious accident and forty demerits for each fatal accident.

2. Any foreman or assistant foreman who does not have any accidents under him during the month will be given a credit of five merits, which will go toward reducing the number of demerits standing against him until all of the demerits are wiped out, when he will not be given any further merits until he again receives demerits.

3. No person who has ten or more demerits standing against him at the end of each month shall be entitled to any premium, but, if he has less than ten demerits, he shall receive the same premium as heretofore; namely, $5.00 for the assistant foreman and $10.00 for the foreman.

4. The foreman's account will be charged with all the demerits and credited with all the merits of the assistant foreman under him excepting when demerits are given for neglect of duty or causes other than accidents.

5. The assistant foremen, and foremen will have it distinctly pointed

out to them, by their immediate superior, what men or jobs are under their supervision.

6. If a foreman or assistant foreman leaves the employ of the company and later re-enters it, he will assume all demerits charged against him when he left its employ.

7. The basis of giving premiums may be discontinued at any time when it is decided that the purpose for which it is intended (the elimination of accidents) is not accomplished.

8. Any mine foreman or assistant, who, for six consecutive months, is entitled to a monthly premium of $10.00 or $5.00, under rules given above, will, at the end of the sixth month receive a special premium of $15.00 and for each month thereafter so long as his record is up to the requirements. If his record falls below the requirements under the rules given above, he will have to make a clear record for another six months, before he is entitled to a special premium.

They also pay a premium to mining machine runners, for the purpose of keeping down repair cost to mining machines. as set out below:

$15.00 per month will be awarded to the works which cut the greatest number of places with the least cost for material repairs to its mining machines. which is paid to the man who makes the best record at the works. No man will be eligible who does not cut 150 places during the month.

They also have what is known as an efficiency department, whereby the efficiency of each man in the mine is recorded each day. After a thorough investigation, they established rules specifying a certain amount of work that would be considered a full day's work for the average man, and which they call 100 per cent. Every man who goes in the mines each day is supposed to make, or given an opportunity to make 100 per cent. efficiency. The foreman and assistant foreman are required to furnish a reason why any man has not an opportunity to make a 100 per cent. efficiency. The average efficiency made by all the men in each department is recorded and returned to the Gary office each month for the purpose of comparing the efficiency of the men working in one mine with the efficiency of the men working in the other and this system alone has resulted in increasing the earning of piece workers in the mine about one-fourth, as, under this system, each loader or pick miner who goes in the mines each day is sure to get all the cars he can load that day, unless something unforeseen and unpreventable occurs at the mines.

Below is what is considered 100 per cent. efficiency in the different items of work:

100 per cent. equals 12 cubic yards—loading dirt for roads.
100 per cent. equals 15 cubic yards—cleaning slate falls.
100 per cent. equals 20 cubic yards—cleaning rash falls.
100 per cent. equals 50 feet—60 pound track complete.
100 per cent. eqnals 60 feet—40 pound track, complete.
100 per cent. equals 70 feet—30 pound track, complete.
100 per cent. equals 80 feet—20 pound track, complete.
100 per cent. equals 115 tons—hauling—mules.
100 per cent. equals 9 cubic yards—horseback.

100 per cent. equals 375 tons—hauling mechanical, per 13 ton motor.

100 per cent. equals 15 tons—miners and loaders.

100 per cent. equals 8 places cut—mining machine runners.

100 per cent. equals 4 cubic yards—concrete.

100 per cent. equals 60 feet—drilling 2½ inch holes in rash with breast auger.

100 per cent. equals 30 feet—drilling holes in sand rock with power drill of hammer type.

100 per cent. equals 300 feet—board measure—setting timbers, posts, building brattices, overcasts, and forms of concrete.

Their miners or piece workers exceed this efficiency and, during some months, the miners and loaders average 115 per cent.

In addition to the premiums mentioned above, there is a premium awarded to the householders, for the best kept yard and garden at each of their twelve plants, once each year. This inspection is made by a committee of disinterested persons, who are experienced in the agricultural pursuits of the country.

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1133. *No. 2—Drift.* Operating Pocahontas No. 3 seam, located on the N. & W. Ry., 6 miles from Welch, on Tug fork. Ventilation, by a 14 foot fan, running 106 R. P. M., producing 225,000 cubic feet per minute, operated by electricity, is divided into 4 splits, conducted over concrete overcasts, and by stone stoppings. The mine employs 177 men. Coal is hauled by mule and motor to the foot of a slope, where it is dumped and conveyed to the tipple by a conveyor. The fan being a blower—all dust is blown outside. Coal is cut by electric machines; permissible powder, detonator and battery for shot firing are used. All holes are inspected before shot. Clay is used and the hole must be tamped full. Systematic timbering is compulsory, not only at this mine, but at all mines. During the past year, I have found the mine in excellent condition at all times and the mining laws complied with in every respect. Universal danger signals are posted. The mine is well lighted by electricity, traveling roads are in good condition. The mine liberates gas, which is well taken care of.

This mine was shut down on account of trade depression from 20th day of November, 1913, until 18th day of January, 1914.

GENL. EDW. O'TOOLE, *Genl. Supt.*	J. T. BASHAM, *Mine Foreman.*
J. M. TULLEY, *Supt.*	M. E. MALONEY, *Asst. Foreman.*
	J. P. HAULEY, *Asst. Foreman.*
	I. C. YATES, *Asst. Foreman.*
	MIKE CASSETT, *Asst. Foreman.*
	JOHN MULLINS, *Company Inspector.*
	A. G. HAHN, *Company Inspector.*
	HENRY V. AKERS, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1134. *No. 3—Drift.* Located at Gary, 7 miles from Welch, on the N. & W. Ry., operating the Pocahontas No. 4 seam, ventilated by a 14 foot fan, producing 120,000 cubic feet per minute at 128 R. P. M. The least amount of air the company will allow at last break-through of any heading is 12,000 cubic feet, and I have never, at any time, measured less than this at this mine. This mine is now undergoing a change of system, and, on my inspection, I found it in fine condition in view of the fact it has a very bad roof, carrying at times 4 feet of rash. The coal is 4½ feet to 5 feet thick. Permissible powder is used, shot by electric battery and detonators; clay is used for tamping. The timbering is systematic—the law being complied with in every respect. The mine employs 115 men. The output is 700 tons daily.

GENL. EDW. O'TOOLE, *Genl. Supt.*
H. T. GRAHAM, *Supt.*
J. W. GATES, *Mine Foreman.*
O. K. SPICKAR, *Asst. Foreman.*
E. KEILING, *Asst. Foreman.*
TONEY JAMES, *Asst. Foreman.*
WM. QUINLIN, *Fire Boss.*
JOHN MULLINS, *Safety Inspector.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1135. *No. 4—Drift.* Located on the Tug Fork branch of the N. & W. Ry., 9 miles from Welch, operating the Pocahontas No. 3 seam, 6 feet thick. Coal is cut by electric chain machines, 12 feet deep. Ventilation is produced by an 18 foot fan, furnishing 180,000 cubic feet per minute with 187 R. P. M. This mine has an efficiency of 16 tons to the man for coal loading and produces 1,500 tons per day, is now undergoing a change of system in mining, which will concentrate their men, will economize haulage, and increase the tonnage. All the main line haulage roads are of 60 pound steel and all mule haulage roads are laid with 20 pound steel. Clay is placed on all mule haulage and when watered retains the moisture for several days. It is kept moist at all times. Ventilation is first class. Coal is shot by electric batteries. Holes are inspected before shot, and only one shot at a time is allowed, or coal from one shot must be loaded out before the second shot it fired. Each assistant foreman, or face boss, has so many men (25 to 30), whose places he visits 3 or 4 times per day and he is merited according to his efficiency and safety. Timber is set by system, whether roof is good or bad. I have always found ventilation good, the mine in first class condition, and law being observed in every respect. This mine was shut down from the 20th of November, 1913, until January 18, 1914, on account of trade depression.

GENL. EDW. O'TOOLE, *Genl. Supt.*
A. N. HARRIS, *Supt.*
A. G. HAHN, *Mine Foreman.*
JULIS PHEBIC, *Asst. Foreman.*
C. P. PRESSLEY,
M. L. CARRIGAN,
J. B. WILSON, *Fire Boss.*
JOHN MULLINS, *Safety Inspector.*

UNITED STATES COAL & COKE COMPANY.

THORPE.

General Office, Gary.

No. 1136. *No. 5—Drift.* Located on Tug Fork branch of the N. & W. Ry., 10 miles from Welch, operating the Pocahontas No. 3 seam, 7 feet thick, is ventilated by a 16 foot fan run by electricity, which gives ample ventilation throughout. The improvements of this mine during the year have been: Electrifying the mine by lights in rooms and entries, even up to the faces; coal cut, by electric machines, 12 feet deep, producing 80 tons per cut, which is cleaned up each day by four coal loaders to a room. Rooms have double track in them and mule is loaded both ways. This mine is capable of handling 2,000 tons per day; one motor can haul 210 tons per trip. All the main line is graded for 1½ miles, laid with 60 pound steel, well bonded; all wires well conducted and guarded. Signals, with lights attached to show way out, are installed. A special travel way was made, for men and mules, well lighted. I have always found the mine well ventilated at the face. Stoppings well built and sufficient splits. A new concrete overcast was built during the year. All laws have been complied with. Men are checked in and out. A new club house and reading room have been built during the year for employes. The town is sanitary in every respect. Each house has a garden, which is well attended to. Board walks are laid to every house, yards are fenced and the garbage is hauled away each day.

GENL. EDW. O'TOOLE, *Genl. Supt.*	MIKE SMITH, *Mine Foreman.*
A. N. HARRIS, *Supt.*	JOHN ZIMBO, *Asst. Foreman.*
	DAN MILLER, *Asst. Foreman.*
	JOHN MULLINS, *Safety Inspector.*
	JACK WATSON, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

GARY.

No. 1137. *No. 6—Drift.* Operating Pocahontas No. 4 seam, on Sand Lick branch of the N. & W. Ry., 8 miles from Welch, has a 24 foot fan producing 400,000 cubic feet per minute, operated by electricity, of the Clifford type, which has the best efficiency. Not less than 12,000 cubic feet of air is permitted at any last break-through, and I have to say I have not measured less than 65,000 or 70,000 cubic feet on any split and not less than 18,000 cubic feet at any last break-through. Coal, which is 6 feet 6 inches thick, is mined by electric machines, hauled by mules to partings, then outside by motor. This mine is now being changed to a new system of mining to economize haulage and concentrate men, employs 200 men with an output of 2,000 tons per day and is one of the best conditioned mines in the district. The haulage roads are kept clean at all times; motors have head lights you can see 500 feet. The track is of 60 pound steel. The roof is scaled of loose slate every night. Wires are well conducted and protected at crossings by boards. Signs, with lights attached, show the road out to traveling way, which is separate from haulage and well lighted. Fan is run by electricity and gets its power from a concentrating plant of 27,000 volts at Gary, which supplies all the mines. All supplies are kept on hand required by law.

GENL. EDW. O'TOOLE, *Genl. Supt.*
NEIL FRIEL, *Supt.*

J. R. HIGHTOWER, *Mine Foreman.*
ANDY TOSHIE, *Asst. Foreman.*
MIKE CHARNEY, *Asst. Foreman.*
JOHN RUSUCK, *Asst. Foreman.*
JOSE TOCASH, *Asst. Foreman.*
JOHN CRISTO, *Asst. Foreman.*
NICK SHARKEY, *Fire Boss.*
ANDY BUERETTA, *Fire Boss.*
JOHN MULLENS, *Safety Inspector.*
MIKE DONNELLY, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

ELBERT.

General Office, Gary.

No. 1138. *No. 7—Drift.* Located on the Sand Lick branch of the N. & W. Ry., 9 miles from Welch, operating the Pocahontas No. 4 seam, 5½ to 7 feet thick, ventilation by an 18 foot fan, operated by electricity, 196,000 cubic feet per minute produced, is operating in two mountains connected by a tunnel. The coal is cut by electric chain machines, gathered by mules, and hauled by motor to the tipple. The timbering is systematic. Shots are inspected before fired. Each place is inspected one hour before men enter the mine by face boss. The mine does not liberate any gas. Clay is used for tamping, and on all mule haulage roads to retain the moisture and keep dust down. Cars are all dust proof and electric haulage roads are free from dust. The mine is always moist, lanterns 30 inches long and 12 inches high, with green glass and white letters inserted "Safety the First Consideration" and many other inscriptions of a safety nature are to be seen in the mine. I have always found the mine in first class shape on all my examinations. The improvements to the town during the year are: Two sanitary drinking fountains, one emergency hospital, and one new barber shop with shower baths. The houses are watered and lighted. Sanitary vaults have been built during the year. Side walks are laid the entire length of the town. The garbage must be deposited in the proper can supplied. The mine is all graded. The sub-station is wired in conduit, and every precaution is taken against fire. This mine was shut down from December 18th, 1913, to January 12th, 1914, on account of trade depression.

GENL. EDW. O'TOOLE, *Genl. Supt.*
W. P. KEARNS, *Supt.*

ELBERT DYE, *Mine Foreman.*
R. TANOVITCH, *Asst. Foreman.*
VELO SECLOVISH, *Asst. Foreman.*
GEO. HOST, *Asst. Foreman.*
MIKE DUTSIC, *Asst. Foreman.*
MACH WADDLE, *Asst. Foreman.*
JIM DEBO, *Asst. Foreman.*
JOE RODDNOTT, *Asst. Foreman.*
MIKE HOFSTETTER, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

ELBERT.

General Office, Gary.

No. 1139. *No. 8—Drift.* Dumping at the same tipple. located 9 miles from Welch, on the Sand Lick branch of the N. & W. Ry., Tug River division, operating the Pocahontas No. 4 seam, and were temporarily shut down in December, 1913, on account of trade depression, and were not opened up again. All rails, ties, etc., have been taken out.

GENL. EDW. O'TOOLE, *Genl. Supt.*
W. P. KEARNS, *Supt.* MIKE HOFSTETTER, *Mine Foreman.*

UNITED STATES COAL & COKE COMPANY.

ELBERT.

General Office, Gary.

No. 1140. *No. 9—Drift.* Located on Sand Lick branch of the N. & W. Ry., on Tug Fork division. The East Side mine, which had a tonnage of 1,200 per day, coal 7½ feet thick, was shut down in December, 1913, on account of trade depression and is still shut down. Men were concentrated in West Side mine, under a new system of mining, which will economize haulage and increase the tonnage. Ventilation is produced by a 16 foot Capell fan, which furnishes 194,000 cubic feet per minute at 125 R. P. M., with not less than 14,000 cubic feet at last breakthrough in any heading. The tonnage will be brought up to 2,400 per day. The mine is in first class shape in every respect and is under the same rules and laws as all other mines under the United States Coal & Coke Company, is well lighted up all through. There are plenty of caution signals to warn miners of danger. All shots are inspected before being fired; clay is used for tamping and, at this writing, an extra premium is given as an extra precaution against accidents. The main haulage tracks are laid with 60 pound steel, and room tracks with 25 pound steel. Mules and storage battery motors haul the coal to the side track, where an 18 ton G. E. motor hauls it to the tipple. The fan is operated by electricity, which is generated from a concentrated plant at Gary, which supplies all the United States Coal & Coke Company s mines. A new mine has been opened in connection with this plant, which will be developed by a machine especially designed by General E. O'Toole for heading work. This machine will cut 200 feet per day, equal to 500 tons. Coal will be taken out of the mine through 30 inch suction pipes, to the tipple, operated by two massive vacuum fans at the outside. This is a feature in mining that is worth seeing. This plant has a workman's model cottage with a trained nurse and furnished as a working man should furnish his home on an average of $3.00 per day, and is open for visitors at all times. The nurse visits all workingmen's homes and instructs mothers how to care for their babies, how to cook and how to keep things sanitary in general. Twice a week, a sewing class is held at the cottage and a boys' basket ball club is also held. A club house, with pool, billiards and library, is separate for the officials and miners. The town is well lighted by electric lights; water and light are in all houses. Cement and board walks extend throughout the town. The coal from East and West mines is dumped at same tipple.

Genl. Edw. O'Toole, *Genl. Supt.*
W. W. Harding, *Supt.*

D. R. Gates, *Foreman.*
John Kearns, *Fire Boss.*
John Kenner, *Asst. Foreman.*
Joseph Andring, *Asst. Foreman.*
James Barrett, *Asst. Foreman.*
Albert Marshall, *Asst. Foreman.*
John George, *Asst. Foreman.*
S. Mazercovitz, *Asst. Foreman.*
Ben Bolt, *Asst. Foreman.*
John Mullins, *Safety Inspector.*

UNITED STATES COAL & COKE COMPANY.

Gary.

No. 1141. *No. 10.* Located 8 miles from Welch, on Tug Fork branch of the N. & W. Ry., operating Pocahontas No. 3 and No. 4 seams, a 16 foot Capell fan, producing 140,000 cubic feet of air per minute. I have always found the mine well ventilated, well lighted and all haulage roads clean, is moist, naturally. I have never found any bad practices in this mine and considerable improvement has been made in No. 4 seam, which has a very bad roof. Coal is 5 feet thick and, in No. 3, seam 5 feet 8 inches thick, cut by electric chain machines and shot by electric battery, permissible powder being used. Shots are inspected before shooting. Clay used for tamping and everything possible done to prevent an accident. Men are checked in and out, even the writer, when he makes inspections; this, of course, is done at all mines of the United States Coal & Coke Company in Eleventh District. The mine employs 173 men and produces 700 tons per day, which can be increased to double when so desired. A new house was built for the superintendent.

The town is sanitary in every respect. Every house is fenced and a garden well kept. Flowers surround the houses, which are good to look at. Board walks are well kept, lights and water are in all houses, and also water plugs are supplied. "Safety First" is their motto.

Genl. Edw. O'Toole, *Genl. Supt.*
H. T. Graham, *Supt.*

J. R. Booth, *Mine Foreman.*
H. C. Mann, *Asst. Mine Foreman.*
H. K. Payne, *Asst. Mine Foreman.*
Geo. Halsey, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

Gary.

General Office, Gary.

No. 1142. *No. 11—Drift.* Located 8½ miles from Welch, on Tug Fork branch of the N. & W. Ry., operating Pocahontas Nos. 3 and No. 4 seams, and coal is dumped at one tipple; these mines were shut down December 20th, 1913, on account of trade depression. The No. 4 seam opened up on January 18, 1914, but No. 3 seam is still idle. The No. 3 employed 70 men, at the time of shutting down, who were employed in No. 4 seam of the Pocahontas measures. No. 4 employs 135 men, coal is 5 feet thick Ventilation is produced by a 16 foot fan making 130 R. P. M., which gives 90,000 cubic feet per minute and is distributed into three splits. The mine is well developed under a new system and will be a large producer when needed. The coal carries a heavy rash on top, which is taken down on headings and propped systematically in rooms and held, is mined by long wall chain machines of the Sullivan type, shot by batteries, permissible powder being used. Clay is used for tamping; shots are inspected before they are fired, and mine kept damp at all times. No gas has been found in this mine on any of my inspections, even when the fan was shut down. The new system has one feature of economy in haulage worth considering. Thirty men are placed on a heading; three drivers are on this heading, each driver having 10 men; the motor pushes 60 cars in and leaves 20 cars to each driver; rooms are double tracked; as each driver comes to the heading with a car he leaves it on the heading until a trip of 60 cars is made up, then the motor comes in and collects the trip, takes it to a side track close to No. 1 room and stops, runs around his empties and places 20 to each driver; the driver only has the length of room to drive; the same thing is done in the next entry. The system also extracts all pillars and stumps as it advances. All machinery is guarded and every precaution taken for safety. A retarding conveyor, 600 feet long, handles the coal down the mountain to the railroad cars. The town is clean and sanitary, watered and well lighted. Every house has a garden, for vegetables and flowers, and they are well decorated with the latter. Over one mile of board walk has been built, also an emergency hospital, and five new modern houses, with sanitary sewerage to the river. I have always found the mine in first class condition on all my examinations. All supplies are on hand required by law.

GENL. EDW. O'TOOLE, *Genl. Supt.*
I. H. DUNN, *Supt.*

T. W. REESE, *Mine Foreman.*
G. W. LEACH, *Asst. Mine Foreman.*
B. D. HUGHES, *Asst. Mine Foreman.*
STEVE KISH, *Asst. Mine Foreman.*
KRISTIA KALOE, *Asst. Mine Foreman.*
JOHN HARVATH, *Asst. Mine Foreman.*
J. T. SIZEMORE, *Fire Boss.*

UNITED STATES COAL & COKE COMPANY.

ANAWALT.

General Office, Gary.

No. 1143. *No. 12—Drift.* Located 18 miles from Welch, on the N. & W. Ry., on Tug Fork, operating the Pocahontas No. 3 seam, 9 to 10 feet thick. During its operation, it employed 179 men inside, was ventilated by a 16 foot fan making 125 R. P. M., producing 187,000 cubic feet of air. with four splits. Voltage 280. The fan is run by electricity. The coal was cut by electric machines, permissible powder being used and shot by electric batteries. All shots are inspected before being fired. Clay is used for tamping. The timber is properly set according to their rules. Mules hauled the coal to the side tracks, where motors hauled it outside, then it is handled by a conveyor down a mountain 1,400 feet to the railroad cars. I have always found the mine in first class shape on all my examinations. Men were checked in and out. All supplies were kept on hand required by law. The mine was well lighted on all haulages and travel ways, which are separate from mule way. This mine had an up-to-date mining camp with an ideal club house. A nurse is kept here and her duty is to visit all miners' homes and attend to the sick and instruct them as to sanitation. The mine was shut down December 20, 1913, on account of trade depression and, at this writing, has not resumed operation.

GENL. EDW. O'TOOLE, *Genl. Supt.*
H. T. GRAHAM, *Supt.*
E. T. LILLY, *Mine Foreman.*
M. L. CARRIGER, *Asst. Mine Foreman.*
J. C. YATES, *Asst. Mine Foreman.*
W. H. WEAVER, *Asst. Mine Foreman.*

UPLAND COAL & COKE COMPANY

ELKHORN.

General Office, Elkhorn.

No. 1144. *Upland No. 1—Drift.* Located on the main line of the Norfolk & Western Railway, 15½ miles from Welch, operating the Pocahontas No. 3 seam, 7 feet 8 inches thick, is ventilated by a 20 foot fan and receives air from several openings. The roof is good in the rooms and only fair in pillars.

I wish to say that this is one of the best conducted mines in the Eleventh District, has the cleanest roads of any mine and no dust accumulations, no dry spots, no solid shooting, and no bad practices observed at any time. The foreman has, at all times, observed the law. The mine is well lighted at points, where necessary danger signals are placed; arrows are painted at all points to show men out. Coal is mined by pick and machine and 243 men are employed inside.

The coal is hauled by mule and electric motor. Clay is used for tamping. Three assistant foremen are employed, and each is assigned a district. They visit each man's place three times a day. Ventilation is good. Mine foremen's records show system, in splitting and dividing the air. Rules are posted and the mining law is given to each employe. The mine is well drained by a ditch. Blankets and stretchers are kept on hand, also two safety lamps according to law. Steam is used to humidify the mine.

J. J. LINCOLN, *Supt.*
J. A. GRANTHAN, *Mine Foreman.*
JESS TYLER, *Foreman.*
ALLEN RAUP, *Fire Boss.*
SAM EARNST, *Asst. Foreman.*
CHAS. BRYANT, *Asst. Foreman.*
W. N. PACK, *Asst. Foreman.*

WELCH COAL & COKE COMPANY.

WELCH.

No. 1145. *Welch—Drift.* Located on the N. & W. Ry., one mile west of Welch, operating the Welch seam. Ventilation is produced by a 12 foot fan, which gives ample ventilation, but is poorly conducted to face, the stoppings being poor, and leakage great. Drainage is only fair and rooms were driven ahead of the air. There were no refuge holes to shelter on the main haulage roads. The coal is cut by pick and air machine puncher, and is gathered to side track by mules, then taken 1½ miles, outside, on a tramway by gasoline motor, 10 tons, on a grade of 3 6-10 per cent. against load, where it is dropped by inclined plane 640 feet to the tipple. The mine employs 35 men. Stretchers and blankets are on hand; rules are posted according to law. The coal is 4 feet thick.
F. J. BAXTER, *Supt.* C. R. ANDERSON, *Mine Foreman.*

WEST VIRGINIA-POCAHONTAS COAL COMPANY.

LECKIE.

General Office, Welch.

No. 1146. *Leckie 1 & 2.* Separate drifts, and dump on separate tipples, separate inclined planes, and are located 20 miles from Welch, at the head of Tug river, on the N. & W. Ry., operating the Pocahontas No. 3 seam, 8 feet 6 inches thick. The coal is mined by pick and machine and, on my first visit, I found some solid shooting, also short fuse used. I took the matter up with William Leckie, the owner, also with W. B. Beale, and they immediately installed all permissible powder with electric detonator and batteries and this eliminated all solid shooting and short fuse. The mines are well disciplined and I have always found them in a moist condition, ventilation by a 5 foot disc fan producing 45,000 cubic feet P. M., one split in each. Electricity is furnished to fans and motors by the Appalachian Power Company. The roof is good, in general, requiring very little timber, except at outcrops, where all places are driven narrow and cross barred every four feet. All supplies required by law are kept on hand. Mining laws and rules are posted.

COL. WM. LECKIE, *Genl. Mgr.*
W. B. BEALE, *Supt.*

WM. SMITH, *Mine Foreman No. 1 Mine.*
WM. YATES, *Mine Foreman No. 2 Mine.*
ROBERT GREER, *Asst. Mine Foreman.*

TWELFTH DISTRICT

GENERAL SUMMARY FOR THE TWELFTH MINING DISTRICT FOR THE YEAR ENDING JUNE 30, 1914.

COUNTY.	No. of Openings.	No. of Persons Killed.	EMPLOYEES.									Production of	
			Inside.					Outside.				Coal.	Coke.
			Pick Miners.	Machine Miners.	Machine Runners and Helpers.	Laborers.	Totals.	Laborers.	Coke Workers.	Totals.	Sum Totals.	Tons of 2,240 lbs	Tons of 2,000 lbs.
McDowell (part)	40	30	1,125	859	170	820	2,974	526	56	582	3.556	2,885,113	56,081
Mingo	41	20	128	1,089	272	872	2,361	539	..	539	2,900	2,510,568	....
Wayne	1	..	......	......	6	65	71	9	..	9	80	55,060	....
Totals	82	50	1.253	1,948	448	1.757	5,406	1,074	56	1,130	6,536	5,450,741	56,081

OFFICE OF TWELFTH DISTRICT MINE INSPECTOR.
WILLIAMSON.

HON. EARL A. HENRY,
Chief of Department of Mines,
Charleston.

DEAR SIR:—In compliance with Section 3, of the Mine Law, I respectfully submit herewith my annual report, as Inspector of the Twelfth Mining District, for the year ending June 30, 1914, which includes part of McDowell, all of Mingo and Wayne counties.

Many improvements have been made in the district during the year, in the way of opening new mines, constructing new tipples and washers, installing fans, and improving the ventilation, in all mines in the district. There have been a few old mines cleaned up and large improvements made, such as new tipples and washers.

As to the large number of individual accidents which are occurring, more rigid discipline must be maintained to prevent them; more frequent inspection of working places should be made, and all large mines should employ a safety inspector to look after nothing but the safety of the miners; where this system has been carried out, accidents have been reduced to a great extent.

Many of the mines in this district have a very bad draw slate, and, to this fact, are due a great many of the accidents.

During the year I have found it necessary to make only four prosecutions. Have been on several joint inspections. Assisted at the Eccles explosion; had one mine fire, in my own district, in the Sycamore mine, which resulted in the death of five men.

I wish to express, with a feeling of gratitude, my appreciation of your counsel, advice and assistance, which has proved very valuable in the discharge of my duties.

I wish also to thank the operators, miners and mine laborers for their prompt and hearty co-operation in the performance of my duties; a continuation of this co-operation is most earnestly desired.

Very respectively yours.

E. C. LAMBERT,
Mine Inspector for Twelfth District.

NEW MINES.

Mingo Washed Coal Company, Winifrede Seam, Mingo County.

Crystal Block Coal Company, Winifrede Seam, Mine No. 2, Mingo County.

Crystal Block Mining Company, Winifrede Seam, Mingo County.

Glen Alum Coal Company, Glen Alum Seam, No. 4 Mine, Mingo County.

Panther Coal Company, Panther Seam, McDowell County

Lex-Pocahontas Coal Company, Sewell Seam, McDowell County.

Carter Coal Company, No. 4 Pocahontas Seam, Shaft, McDowell County.

McDOWELL.

BUCHANAN COAL COMPANY.

YUKON.

No. 1201. *Buchanan.* Located one mile below Yukon, on the Dry Fork branch of the N. & W. Ry., drift, operating the War Creek seam, average thickness 3 to 4 feet, with a good roof, except in some few sections, where the roof is very bad. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 7 foot fan, is well distributed. This mine is naturally damp, and a very small amount of explosive gas is generated. The coal is pick mined, and hauled by mules.

J. L. CHARLES, *Supt.* M. A. HURLEY, *Mine Foreman.*

CARTER COAL COMPANY.

COALWOOD.

No 1202. *No. 1—East & West.* Located at Coalwood, on the Clear Fork branch of the N. & W. Ry., drift, operating the Welch seam, with a thickness 3 to 4 feet, with a good roof. The work in this mine is all in pillars, the mine having gone against the fault, stopping the development. Drainage is good. Doors and stoppings are good. Ventilation is produced by an 8 foot Stine fan, and well distributed. The coal is pick mined, hauled by mules and electric motors. The mine is naturally wet, no explosive gas is liberated. The mine laws are being complied with.

H. K. ENGLISH, *Superintendent.* T. B. FISHER, *Mine Foreman.*

CARTER COAL COMPANY.

COALWOOD.

No. 1203. *No. 2—East & West.* Located at Coalwood, on the Clear Fork branch of the N. & W. Ry., drift, in the Welch seam, which has an average thickness of 3 to 4 feet, with a good roof. Practically all the work is in pillars, the mine having gone against the fault, stopping the development. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 6 foot Stine fan, is well distributed throughout the mine. The mine is damp, and no explosive gas is liberated. The coal is all pick mined and hauled with electric motors. The laws are being complied with.

H. K. ENGLISH, *Superintendent.* T. B. FISHER, *Mine Foreman.*

CARTER COAL COMPANY.

CARETTA.

No. 1204. *Caretta.* Located at Yukon, on the Dry Fork branch of the N. & W. Ry., slope, in the War Creek seam of coal, an average thickness of 4 feet. About one-half of this mine has a good roof and the other half is bad. Drainage is good. Doors and stoppings good. Ventilation is produced by a 7 foot fan, and well distributed. This mine is inclined to be dry during the winter months and requires a great deal of attention in the way of keeping the dust removed and all parts sprinkled. Explosive gas been detected in small amounts. The coal is mined by electric chain machines, gathered and hauled by electric motors. The laws are being complied with.

H. K. ENGLISH, *Genl. Mgr.* JAMES GOLDEN, *Mine Foreman.*
J. L. BISHOP, *Superintendent.*

CARTER COAL COMPANY.

SIX.

No. 1205. *Six.* Located two miles above Coalwood, on the Clear Fork branch of the N. & W. Ry., drift, operating the Sewell seam, average thickness about 4 feet. Roof is fairly good, but requires careful timbering. Drainage is good. Doors and stoppings are good. Ventilation, produced by two Stine fans, was only fairly distributed on my last inspection, mine naturally moist, during the summer months, but is inclined to become dry in winter. It has been recommended that some system be installed to humidify the mine air, during cold weather. The coal is all undercut with electric chain machines, gathered and hauled by electric motors. No explosive gas has ever been detected. The laws are complied with in other respects.

H. K. ENGLISH, *Genl, Mgr.* J. D. KIRBY, *Mine Foreman.*
J. D. KIRBY, *Superintendent.*

CARTER COAL COMPANY.

COALWOOD.

No. 1206. *Nora & No. 8—Drifts.* Located at Coalwood, operating the Sewell seam, 3 feet 6 inches thick, good roof and drainage is good. Doors and stoppings in good shape. Mine law is complied with. Coal is hauled by electric motors; ventilation is furnished by a 2 x 8 foot fan; 85 men are employed inside. No pick miners employed.

H. K. ENGLISH, *Superintendent.* ZACK GROSS, *Mine Foreman*

CENTRAL WEST-POCAHONTAS COAL COMPANY.

LEX.

No. 1207. *Central West.* Located at Lex, Dry Fork branch of the N. & W. Ry., drift, operating the Welch seam, an average thickness of 36 inches, with a roof that requires careful timbering. Doors and stoppings good. Drainage good. Ventilation, produced by a furnace, is not found satisfactory. The mine is naturally damp, and no explosive gas has been detected. The coal is pick mined and hauled by mules. In most respects the law is being complied with.

J. M. MURDY, *Superintendent & Mine Foreman.*

COLUMBUS-POCAHONTAS COAL COMPANY, THE

IAEGER.

No. 1208. *Columbus.* Located on the Dry Fork branch of the N. & W. Ry., 3 miles from Iaeger, drift, operating the Red Ash seam, average thickness 30 inches. Drainage is good. Doors and stoppings good. Ventilation, produced by a furnace, is amply sufficient for the number of men employed. The mine is naturally damp and no explosive gas is liberated. The coal is pick mined and hauled by mules. The laws are being complied with.

V. T. STRICKLER, *Superintendent.* V. T. STRICKLER, *Mine Foreman.*

DAVY-POCAHONTAS COAL COMPANY.

RODERFIELD.

No. 1209. *No. 1.* Located on Spice creek, one mile up from Roderfield, on branch line of N. & W. Ry., drift, operating the War Creek seam, average thickness 5 feet 6 inches, with a good roof, except some few sections, where it requires careful timbering. Drainage is good. Doors and stoppings are good. The ventilation, produced by a fan, is good and well distributed. The mine is naturally wet, and, at times, liberates very small amount of gas. The coal is mined with pick and electric chain machines, and hauled with electric motors. The laws are being complied with.

P. A. GRADY, *Superintendent.* S. E. WARD, *Mine Foreman.*

DAVY-POCAHONTAS COAL COMPANY.

RODERFIELD.

No. 1210. *No. 2.* Located on Spice creek, one mile from Roderfield, on the Spice Creek branch of the N. & W. Ry., drift, operating the Davy seam, with a good roof, average thickness of coal 36 inches. Drainage is good. Doors and stoppings are good. Ventilation, produced by fan, is good and well distributed. The coal is all pick mined and hauled by mules and electric motors. The mine is naturally damp and no explosive gas is liberated. Laws are being complied with.

P. A. GRADY, *Superintendent.* ALLEN MURPHY, *Mine Foreman.*

DRY FORK COLLIERY COMPANY.

YUKON.

No. 1211. *Dry Fork.* Located at Dry Fork, on the Dry Fork branch of the N. & W. Ry., slope, in the War Creek seam, average thickness 5 feet 6 inches, with a good roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 5 foot fan, is good and well distributed. This mine is naturally damp and no explosive gas has been detected. The coal is all shot from the solid, which is a violation of the law, and which has been ordered discontinued. It has been recommended that some type of machine be installed in this mine for the purpose of undercutting the coal. The law, in other respects, is being complied with.

W. T. WILLIAMS, *Pres. & Genl. Mgr.* W. H. POWELL, *Mine Foreman.*
W. H. POWELL, *Superintendent.* D. BAILEY, *Fire Boss.*

EXCELSIOR-POCAHONTAS COAL COMPANY.

EXCELSIOR.

No. 1212. *Excelsior 138.* Located just below War, on the Dry Fork branch of the N. & W. Ry., drift, operating the War Creek seam, which has a thickness of 54 inches, with a good roof, except in some sections on the right side of mine. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 6 foot fan, is good and well distributed. No explosive gas has been detected. This mine is naturally damp. The coal is undercut with electric chain machines, gathered and hauled by electric motors. Laws are being complied with

J. A. HUDDLESTON, *Supt.* M. C. ROBERTS, *Mine Foreman.*

FLANAGAN COAL COMPANY.

RODERFIELD.

No. 1213. *No. 1.* Located near Roderfield, on the Spice Creek branch of the N. & W. Ry., drift, operating the War Creek seam, average thickness of 5 to 6 feet, with a good roof. Drainage is good. Doors and stoppings are fair. Ventilation, produced by fan, is good, but poorly distributed. This mine is inclined to be very dry, and it has been recommended that some system be installed for the purpose of humidifying the mine air. The coal is undercut with electric chain machines, hauled to side track by mules and, from side track to outside, by a rope haul. The laws, in other respects, are being complied with.

GEO. CARY, *Superintendent.* ROBT. GISHETT, *Mine Foreman.*

FLANAGAN COAL COMPANY.

RODERFIELD.

No. 1214. *No. 2.* Located on Spice creek, near Roderfield, on the Spice Creek branch of the N. & W. Ry., drift, operating the Davy seam, average thickness of 4 feet 2 inches. Drainage is good. Doors and stoppings are only fair. Ventilation, produced by fan, is good, but poorly distributed. Roof is good. Mine is naturally damp, and no explosive gas is liberated. The coal is all pick mined and hauled by mules. The mine laws, in most respects, are being complied with.

GEO. CARY, *Superintendent.* P. C. BROGAN, *Mine Foreman.*

FLAT-TOP COAL MINING COMPANY.

ENGLISH.

No. 1215 *Thomas.* Located at English, on Dry Fork branch of the N. & W. Ry., slope operating the War Creek seam, average thickness 40 inches, with a roof which is bad in some sections. Drainage is good. Doors and stoppings are good. Ventilation is produced by an 8 foot fan and is well distributed. This mine is very damp and a small amount of explosive gas is liberated. The coal is pick mined, hauled by mules and electric motors. The laws are being complied with.

W. H. THOMAS, *Genl. Mgr.* CHAS. STEPHENSON, *Mine Foreman.*
JAMES GRAINGER, *Supt.* MILTON GILLESPIE, *Fire Boss.*

HENRIETTA-POCAHONTAS COAL COMPANY.

BARTLEY.

No. 1216. *Henrietta.* Located at Bartley, on the Dry Fork branch of the N. & W. Ry., drift, operating the Sewell seam, average thickness of 3 feet, with a good roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 4 foot fan, is sufficient. The mine is naturally wet, and no explosive gas liberates. The coal is pick mined, hauled by mules and gasoline motors. The mine laws are being complied with.

J. W. STRICKLER, *Superintendent & Mine Foreman.*

J. B. B. COAL COMPANY.

Twin Branch.

No 1217. *No. 1.* Located at Twin Branch, on the main line of the N. & W. Ry., drift, operating the Davy seam, average thickness of 39 inches, with a roof that requires careful timbering. Drainage is good. Doors and stoppings are good. Ventilation, produced by a fan, is good and well distributed. The mine is naturally wet and no explosive gas is liberated. The coal is all pick mined and hauled by mules and electric motors. The mine laws are being complied with.

C. L. Biddison, *Superintendent.* R. G. Stuart, *Mine Foreman.*

J. B. B. COAL COMPANY.

Twin Branch.

Nos. 1218 & 19. *Nos. 2 (4 & 5).* All over same tipple. Located at Twin Branch on the main line of the N. & W. Ry., drifts, operating the Davy seam, fairly good roof, which requires careful timbering. Drainage is good. Doors and stoppings are in fair condition. Ventilation, produced by three fans, is good, but was found to be only fairly distributed, during my last inspection. The mines are generally damp, except in some few sections. No explosive gas is liberated. The coal is mined by pick and compressed air punching machines, also electric punching machines. hauled by mules and electric motors. The average thickness of seam is about 40 inches; 500 volts are carried on the motors and machines, and, owing to the height of the coal, make a very dangerous condition. In other respects, the laws are being complied with.

C. L. Biddison, *Superintendent.* Jos. Shorthouse, *Mine Foreman.*

Three assistant Mine Foremen.

J. B. B. COAL COMPANY.

Hensley.

No. 1220. *Hensley No. 3.* Located at Hensley, on the main line of the N. & W. Ry., drift, operating the Davy seam, average thickness of 40 inches, with a good roof. Drainage is fair. Doors and stoppings are only fair. Ventilation, produced by a fan, is good, but poorly distributed. The coal is all pick mined, hauled by mules and electric motor. The mine is naturally wet, and no explosive gas is liberated. The laws, in most respects, are being complied with.

C. L. Biddison, *Superintendent.* Thos. P. Melvin, *Mine Foreman.*

JOHN'S BRANCH COAL COMPANY.

War.

No. 1221. *John's Branch.* Located one mile above War, on the Dry Fork Branch of the N. & W. Ry., drift, operating the War Creek seam, thickness of 3 to 4 feet, with a good roof. Drainage is good. Doors and stoppings good. Ventilation, produced by a furnace, is sufficient. No explosive gas has been detected. The coal is pick mined, and hauled by mules. Laws are complied with.

H. M. MYERES, *General Superintendent.* JOHN FLETCHER, *Mine Foreman.*
JOHN BROOKS, *Superintendent.*

LATHROP COAL COMPANY.

PANTHER.

No. 1222. *Lathrop—Drift.* Located near Panther, operating the War Eagle seam, averaging thickness of 5 feet, 8 inches with a good sand stone roof. This mine is wet, and no explosive gas liberated. Ventilation, produced by an 8 foot fan, is well distributed. Drainage is good. Doors and stoppings good. The coal is undercut by electric chain machines, gathered and hauled by electric motors. The laws are being complied with.

WILLIAM LECKIE, *General Manager.* J. E. JOHNSON, *Mine Foreman.*
W. R. TALBOTT, *Superintendent.*

MOHAWK COAL & COKE COMPANY.

MOHAWK.

No. 1223. *Mohawk.* Located at Mohawk, drift, operating the War Eagle seam, average thickness of 66 inches, with a sand stone roof. This mine is wet, no explosive gas is liberated. Ventilation, produced by a 12 foot fan, is well distributed. Drainage is good. Doors and stoppings are good. The coal is undercut with a compressed air punching machine, and hauled by mules and a gasoline motor. Mine Laws are being complied with.

JAMES W. MONTGOMERY, *Supt.* W. J. HOPKINS, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1224. *No. 1—Drift.* Located at Berwind, on the Dry Fork Branch of the N. & W. Ry., operating the No. 3 Pocahontas seam, average thickness of 48 inches, with a good sand stone roof. Drainage is good. Stoppings and over-casts, are constructed of masonry and concrete. Ventilation is produced by a 12 foot fan, and is well distributed throughout the mine. No explosive gas has been detected. This mine is inclined to be dry in cold weather, and has a steam boiler installed at the intake air-way, for the purpose of humidifying the mine air. All coal, excepting pillar, is undercut with electric chain machines, gathered and hauled with electric motors. The laws are being complied with.

WILLIAM BARRICK, *Supt.* ED ISHERWOOD, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1225. *No. 2—Drift.* Located at Berwind, on the Dry Fork Branch of the N. & W. Ry., operating the No. 3 Pocahontas seam, average thickness 4 feet, with a good sand stone roof. Drainage is good. Stoppings and over-casts are constructed of masonry, and doors are in good condition. Ventilation, produced by an 8 foot fan, is well distributed throughout. Explosive gas has been detected in small quantities at different times. The mine is inclined to be dry.

A 75 horse power boiler is installed at the intake air way, for the purpose of humidifying the mine air. All of the coal, excepting on pillars, is undercut with electric chain machines, gathered and hauled with electric motors. Laws are being complied with.

WILLIAM BARRICK, *Supt.* CHRISTOPHER MCDERMONT, *Mine Foreman.*
JNO THIRTLE, *Fire Boss.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1226. *No. 3—Drift.* Located two miles above Berwind on the Dry Fork Branch of the N. & W. Ry., operating the No. 3 Pocahontas seam, average thickness of 4 feet, with a good sand stone roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by an 8 foot fan, is good and well distributed. A 50 horse power boiler is installed at the intake of this mine for the purpose of humidifying the air. This mine is inclined to be dry during the winter months. No explosive gas has ever been detected. The laws are being complied with.

WILLIAM BARRICK, *Superintendent.* C. W. TODD, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1227. *No. 4.* Located two miles above Berwind, on the Dry Fork Branch of the N. & W. Ry., drift, operating the No. 3 Pocahontas seam, average thickness of 48 inches. Roof is good, except in some sections. Drainage is good. Ventilation, produced by a 10 foot fan, is well distributed throughout the mine by means of overcasts and automatic doors. This mine is naturally moist, and no explosive gas has been detected. The coal is undercut by electric chain machines, gathered and hauled by electric motors. Laws are being complied with.

WILLIAM BARRICK, *Superintendent.* J. J. REYNOLDS, *Mine Foreman.*

NEW RIVER & POCAHONTAS CONSOLIDATED COAL COMPANY.

BERWIND.

No. 1228. *Nos. 5 & 6—Drifts.* Located 5 miles above Berwind on the Dry Fork Branch of the N. & W. Ry.. operating the No. 3 Pocahontas seam, average thickness of 48 inches, with a good sand stone roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by a 10 foot fan, is well distributed. The coal from both mines is loaded over one tipple. The laws are being complied with.

WILLIAM BARRICK, *Superintendent.* J. R. BAILEY, *Mine Foreman.*

NEW POCAHONTAS COAL COMPANY.

DEEGANS.

No. 1229. *Pando.* Located at Deegans, on main line of the N. &. W. Ry., drift, operating the Davy seam, average thickness of 40 inches, with a good roof. Drainage good. Doors and stoppings are good. Ventilation, produced by a 3 foot fan, was found insufficient, but it has been recommended that a larger fan be installed. The mine is naturally wet, and no explosive gas liberates. The coal is mined by electric chain machines, hauled by mules and electric motors. Laws, in most respects, are being complied with.

J. H. TAYLOR, *Superintendent.* J. W. LESTER, *Mine Foreman.*

PANTHER COAL COMPANY.

PANTHER.

No. 1230. *Drift.* Operating in the Panther seam, 4 to 5 feet thick; ventilated by a 6 foot fan. Coal is hauled by an electric locomotive, 23 men employed inside.

L. L. HEATON, *Supt.* T. G. SHELTON, *Mine Foreman.*

POCAHONTAS-DOMESTIC COAL COMPANY.

WAR.

No. 1231. *Scorpion.* Located near War, on the Dry Fork Branch of the N. & W. Ry., drift, opening in the War Creek seam, thickness of 4 feet, with a good roof. Drainage is good. Doors and stoppings are only fair Ventilation, formerly produced by a furnace, was very poor and I recommended that a fan be installed, which has now been done, making the ventilation good An electric plant, and electric chain machines have been installed at this mine. The coal is gathered by mules to sidetracks and hauled to headhouse by electric motor.

J. D. NASH, *General Superintendent.* G. C. CLINE, *Mine Foreman.*

PREMIER-POCAHONTAS COLLIERIES COMPANY.

PREMIER.

No. 1232. *No. 1.* Located on Spice Creek Branch of the N. & W. Ry., drift, operating the Welch seam, with thickness of 48 inches, with a good roof. Drainage is good. Stoppings are good. Ventilation, produced by a 7 foot fan, is good and well distributed. The mine is naturally damp and no explosive gas is liberated. The coal is pick mined, and hauled with mules and electric motors. The laws are being complied with.

J. C. SANDERS, *General Superintendent.* J. D. JOHNSON, *Mine Foreman.*

PREMIER-POCAHONTAS COLLIERIES COMPANY.

PREMIER.

No. 1232-a. *No. 2.* Located at Premier, on the Spice Creek Branch of the N. & W. Ry., drift, operating the Welch and Lambert seams. Lambert seam has an average thickness of 50 inches, with a good roof. The Welch seam, has an average thickness of 4 feet, with a good roof, except about 4 inches of draw slate which comes down with the coal. Drainage is good. Doors and stoppings are good. Ventilation, produced by a fan at each mine, is well distributed. The coal is all pick mined, and loaded over one tipple, gathered and hauled by electric motors. Mines naturally damp, and no explosive gas is liberated. The laws are being complied with.

J. C. SANDERS, *General Superintendent.* H. W. GONIA, *Mine Foreman.*

PREMIER-POCAHONTAS COLLIERIES COMPANY.

PREMIER.

No. 1232-b. *No. 3.* Located on the Spice Creek Branch of the N. & W. Ry., at Premier, drift, operating the Welch seam, average thickness of 50 inches. The roof is good, except in some few sections, where it is bad, requiring careful timbering. Drainage is good. Doors and stoppings are good. The mine is naturally damp and no explosive gas liberated. Ventilation is produced by a fan and is well distributed. The coal is all pick mined and hauled by electric motors. The laws are being complied with.

J. C. SANDERS, *General Superintendent.* G. M. RING, *Mine Foreman.*

PREMIER-POCAHONTAS COLLIERIES COMPANY.

PREMIER.

No. 1232-c. *No. 4—Drift.* Located on the Spice Branch of the N. & W. Ry., at Premier, operating the Welch seam, average thickness of 50 inches, with a good roof, except in some few sections where it requires careful timbering. Drainage is good. Doors and stoppings are good. The mine is naturally wet, and no explosive gas is liberated. Ventilation produced by two fans, and well distributed. The coal is all pick mined and hauled with electric motors. The laws are being complied with.

J. C. SANDERS, *General Superintendent.* T. A. LEWIS, *Mine Foreman.*

SOLVAY COLLIERIES COMPANY.

BIG SANDY.

No. 1233. *Big Sandy.* Located on the main line of the N. & W. Ry., at Big Sandy, drift, operating the Sewell seam, average thickness of 4 feet, with a fairly good roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by fans, is good and well distributed. The mine is naturally damp. No explosive gas is liberated. The coal is mined with electric chain machines, hauled with mules and electric motors. This mine is kept clean and in good condition, the year around. The laws are being complied with.

A. B. RAWN, *General Manager.* FRANK HUFFMAN, *Mine Foreman.*
W. A. LILLY, *Superintendent.*

SOLVAY COLLIERIES COMPANY.

MARYTOWN.

No. 1234. *Marytown.* Located at Marytown, on the main line of the N. & W. Ry., drift, operating the Sewell seam, average thickness of 44 inches, with a good roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by a fan, is good and well distributed. The mine is naturally damp, and no explosive gas is liberated. The coal is pick mined and hauled with electric motors. This mine is kept in fine condition the year around. Laws are being complied with.

A. B. RAWN, *General Manager.* E. D. WALTERS, *Mine Foreman.*
W. A. LILLY, *Superintendent.*

SUPERIOR-POCAHONTAS COAL COMPANY.

DAVY.

No. 1235. *Blackstone.* Located at Davy on the main line of the N. & W. Ry., drift, operating the Sewell seam, average thickness of 3 feet, with a roof that requires careful timbering. Drainage good. Doors and stoppings good. Ventilation, produced by a fan, is good and well distributed. The mine is naturally wet. No explosive gas is liberated. The coal is all pick mined, hauled with mules and electric motors. The laws are being complied with.

GEORGE WOLFE, *General Manager.* FRANK WRIGHT, *Mine Foreman.*
F. M. COOK, *Supt.*

SUPERIOR-POCAHONTAS COAL COMPANY.

DAVY.

No. 1236. *Cletus.* Located at Davy, on main line of N. & W. Ry., drift, operating the Sewell seam, average thickness of 3 feet, with a good roof. Ventilation, produced by fan, was found to be only fairly conducted. Drainage is good. Doors and stoppings are fair. Mine naturally moist, and no explosive gas is liberated. The coal is undercut with electric chain machines, hauled with mules and electric motors. Law, in other respects, being complied with.

GEORGE WOLFE, *General Manager.* J. D. SURM, *Mine Foreman.*
F. M. COOK, *Supt.*

SUPERIOR-POCAHONTAS COAL COMPANY.

DAVY.

No. 1237. *Davy-Crockett.* Located at Davy on the main line of the N. & W. Ry., operating the Sewell seam, average thickness of 34 inches, with a roof that requires careful timbering. Drainage good. Doors and stoppings good. Ventilation produced by fan, is good and well distributed. Drift, coal all pick mined, hauled by mules and electric motors. The mine is naturally damp, and no explosive gas is liberated. The laws are being complied with.

GEORGE WOLFE, *General Manager.* MILT CLINE, *Mine Foreman.*
F. M. COOK, *Supt.*

SUPERIOR-POCAHONTAS COAL COMPANY.

DAVY.

No. 1238. *Helena.* Located at Davy, on the main line of N. & W. Ry., drift, operating the Sewell seam, average thickness of 32 to 36 inches, with a good roof. Doors and stoppings are good. Drainage is good. Ventilation, ·produced by fan, is good and well distributed. The mine is naturally damp, and no explosive gas liberates. The coal is pick mined, hauled by mules and electric motors. The laws are being complied with.

GEORGE WOLFE, *General Manager.* H. L. HUBBARD, *Mine Foreman.*
F. M. COOK, *Supt.*

VAUGHAN COAL & COKE COMPANY.

RODERFIELD.

No. 1239. *Vaughan.* Located near Roderfield, on the N. & W. Ry., drift, operating the Sewell seam, average thickness of 4 feet, with a good slate roof. Drainage is good. Doors and stoppings are good. The mine is naturally damp, and no explosive gas is liberated. The coal is mined by pick and electric chain machines, hauled with mules and electric motors. Ventilation, produced by fan, is good and well distributed. The laws are being complied with.

M. SUTTON, *Superintendent.* T. JOHNSON, *Mine Foreman.*

WAR CREEK COAL COMPANY.

WAR.

No. 1240. *War.* Located at War, on the Dry Fork Branch of the N. & W. Ry., drift, operating the Welch seam, average thickness of 3 feet, 6 inches, with a good roof. Drainage good. Doors and stoppings are good Ventilation, produced by a furnace, is not sufficient and it has been recommended that a fan be installed. This mine is inclined to be dry during the winter months and it is necesssary to do a great deal of sprinkling to keep the mine from becoming dusty. The coal is picked mined, and hauled with mules. The laws are being complied with.

W. T. BROOKS, *Superintendent.* JAMES GENT, *Mine Foreman.*

YUKON-POCAHONTAS COAL COMPANY.

YUKON.

No. 1241. *Yukon Nos. 1 & 2.* Located at Yukon, on the Dry Fork

Branch of the N. & W. Ry., drifts, in the War Creek seam, average thickness 5 feet, with a good roof. Drainage good. Doors and stoppings are good. Ventilation, produced by a 10 foot fan, is well distributed. Explosive gas has been detected in very small quantities. The coal is mined by electric chain machines and hauled by electric motors. The laws are being complied with.

A. MOONEY, *Superintendent.* T. J. REYNOLDS, *Mine Foreman.*

MINGO COUNTY.

BUFFALO COLLIERIES COMPANY.

CHATTAROY.

No. 1242. *Buffalo Nos. 1 and 2.* Located at Chattaroy, drifts, in the Winifrede and Coalburg seams, average thickness 4 feet, six inches. Roof is good in No. 1, over the Winifrede seam, while in No. 2 mine, it is very bad and requires careful timbering. Doors and stoppings are good. Drainage is good. No. 1, ventilated by a 5 foot Sirocco fan, is in good condition. No. 2, ventilated by a 7 foot disc fan, is in good condition. Mines are damp and no explosive gas is liberated. Coal is undercut by electric chain machines and compressed air punching machines, and hauled by mules and electric locomotive.

S. V. PRESTON, *General Manager.*
D. S. HOLMES, *Supt.* MATT DEMPSEY, *Mine Foreman.*

CRYSTAL BLACK COAL & COKE COMPANY.

RAWL.

No. 1243. *Winifrede Nos. 1 & 2.* Located at Rawl, five miles east of Williamson, drifts, in the Winifrede seam, average thickness of six feet, with a good sand stone roof. Drainage good.. Doors and stoppings are good. Ventilation, produced by fan, is very good. The coal is undercut with electric chain machines and hauled with mules and electric motors. Mine is damp and no explosive gas liberates. The laws are being complied with.

C. M. GATES, *General Superintendent.* E. H. GATES, *Mine Foreman.*
S. T. BAUSMAN, *Supt.*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1244. *Nos. 1 & 2.* Located at Glen Alum, on Alum Creek branch of the N. & W. Ry., drifts, operating the Glen Alum seam, average thickness of five feet. Roof in No. 2 is good, while in No. 1, it is only fair and requires careful attention. Drainage is good. Doors and stoppings good. Ventilation, produced by a 12 foot fan, is good. Some sections of the mine are inclined to become dry during the winter months. All coal, excepting what is mined from pillars, is undercut with electric chain machines, gathered and hauled by electric motors. The laws are being complied with. All coal from the Nos. 1, 2 and 3 is loaded over one tipple.

MORRIS WATTS, *General Manager.* ED BUCHANAN, *Mine Foreman.*
J. W. YOST, *Superintendent.*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1244-a. *No. 3.* Located on Alum Creek, at Glen Alum, four miles up branch line of N. & W. Ry., drift, operating Glen Alum seam, average thickness 5 feet, with a good sand stone roof. Drainage is good. Doors and stoppings good. Ventilation, produced by a 7 foot fan, is good. The mine is damp, and no explosive gas liberates. The coal is undercut with electric chain machine, gathered and hauled by electric motors. The shooting is all done at night, by shot firers. The laws are being complied with.

MORRIS WATTS, *General Manager.* J. G. SCOTT, *Mine Foreman.*
J. W. YOST, *Mine Superintendent,*

GLEN ALUM COAL COMPANY.

GLEN ALUM.

No. 1244-b. *No. 4.* Opened during the year, located at Glen Alum, on the Alum Creek Branch of the N. & W. Ry., drift, operating the Glen Alum seam, average thickness of 5 feet, with a good roof. Drainage is good. Doors and stoppings good. Ventilation is produced by 7 foot fan, and is well distributed. All coal is undercut with electric chain machines, and hauled with electric motors. This mine is being equipped for the handling of a very large tonnage. The laws are being complied with.

MORRIS WATTS, *General Manager.* J. W. ROACH, *Mine Foreman.*
J W. YOST, *Mine Superintendent.*

GREY EAGLE COAL COMPANY.

KERMIT.

No. 1245. *Grey Eagle—Shaft.* Located near Kermit, on Main line of N. & W. R. Ry.. operating No. 2 gas seam of coal, average thickness of 48 inches, with a good sand stone roof. Drainage is good. Doors and stoppings are in good condition. Ventilation, produced by a 12 foot fan, is good. The mine is wet, except a small portion, which is inclined to be dry. No explosive gas is liberated. Coal is undercut with compressed air, with both punching and chain machines, and hauled by mules. Law, in most respects, is being complied with.

S. W. PERRY, *General Manager.* *L. J. Blankenship, Mine Foreman.*
L. J. BLANKENSHIP, *Supt.*

HOWARD COLLIERY COMPANY.

CHATTAROY.

No. 1246. *Frederick.* Located at Chattaroy, drift, in the Winifrede seam, average thickness 5 feet, with a good sand stone roof. Doors and stoppings in a fair condition. Ventilation, produced by a disc fan, is good. The mine is damp, and no explosive gas liberates. The coal is undercut with compressed air punching machines, and hauled by mules and a steam locomotive. Law, in most respects, is being complied with.
F. L. SCHOEW, *General Manager.* W. S. ESTLER, *Superintendent.*

HOWARD COLLIERY COMPANY.

CHATTAROY.

No. 1247. *Howard Nos. 1 and 2.* Located at Chattaroy, drifts in the Winifrede and Coalburg seams of coal, average thickness is 5 feet. Winifrede seam has a good sand stone roof, while the Coalburg seam has a draw slate, which is bad. Ventilation, produced by two disc fans, is good. The mines are damp, no explosive gas liberates Coal is undercut with compressed air punching machines, hauled by mules and a steam locomotive. The laws are being complied with.
F. L. SCHOEW, *General Manager.* JOHN H. KIDWELL. *Mine Foreman.*
W. S. ESTLER, *Superintendent.*

HOWARD JUNIOR COAL COMPANY.

CHATTAROY.

No. 1248. *Howard Juniar.* Located at Chattaroy, drifts, in the Winifrede and Coalburg seams, average thickness 5 feet, with a good sand stone roof in No. 1 mine, a bad slate in the Coalburg seam. Doors and stoppings are in good condition. Drainage is good. Ventilation in No. 1, produced by fan is good. No. 2, ventilated by a furnace, has sufficient air. These mines are damp and no explosive gas liberates. The coal is undercut with compressed air punching machines, and hauled by mules and a steam locomotive.
F. L. SCHOEW, *General Manager.* E. B. VARNEY, *Mine Foreman.*
W. S. ESTLER, *Superintendent.*

MAGNOLIA COAL & COKE COMPANY.

MATEWAN.

No. 1249. *Magnolia.* Located just east of Matewan, drift, in the Thacker seam, average thickness 54 inches, with a good slate roof. Drainage good. Doors and stoppings good. Ventilation, produced by 8 foot fan, is good. Mine is very damp and no explosive gas is liberated. Coal is undercut with a compressed air punching machine, and hauled by mules and gasoline motor. Laws are being complied with.
JAMES F. BEAVERS, *General Manager.* W. H. ARTIS, *Mine Foreman.*
S. T. LAMBERT, *Superintendent.*

MARGARET MINING COMPANY.

WAR EAGLE.

No. 1250. *Margaret.* Located on the Turkey Branch of the N. & W. Ry., near War Eagle, drift, operating the War Eagle seam, average thickness of 5 feet, with sand stone roof which is good. Drainage good. Doors and stoppings are good. Ventilation is produced by a 12 foot fan, and is well distributed. The coal is undercut by compressed air punching machines, hauled by mules and a steam locomotive. This mine is wet, and no explosive gas liberates. Laws are being complied with.

T. A. SHEWEY, *General Superintend-* J. H. BRUMFIELD, *Mine Foreman.*

MARY HELEN COAL COMPANY.

HATFIELD.

No. 1251. *Mary Helen.* Located at Hatfield, drift, operating the Winifrede & Thacker Seams which have an average thickness of 4 feet 6 and 3 feet and 10 inches respectively, with good sand stone roof. Drainage is good. Doors and stoppings are in good condition. Ventilation produced by an 8 foot disc fan, is good. The mine is damp and no explosive gas is liberated. Coal is undercut with electric machines and hauled by mules and electric motors. Law, in most respects, is being complied with.

S. V. PRESTON, *General Manager.* W. H. KIRKPATRICK, *Mine Foreman.*
V. D. CLARK, *Supt.*

MINGO WASHED COAL COMPANY.

EUGENE.

No. 1252. *Mattie May.* Located at Eugene, drift, operating the Coalburg seam, average thickness of 4 feet, 6 inches, with a bad draw slate roof. Drainage is good, doors and stoppings only fair. Ventilation produced by a furnace.

R. L. MARTIN, *Superintenlent.* E. H. SIMPKINS, *Mine Foreman.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No. 1253. *Grapevine.* Located one mile east of Thacker, drift, in the Freeburn or Alma seam of coal, average thickness 66 inches, with a good sand stone roof, except in a few sections, where there is draw slate. The mine consists of three openings, ventilated by three furnaces. An electric plant is being installed, with a view of cutting the coal with electric machines. Fans will be installed soon as the electric plant is placed in operation. The mine is wet; the coal is being shot from the solid and hauled by mules. In other respects, the mine laws are complied with.

W. N. CUMMINS, *General Superintendent.* FLOYD ADKINS, *Mine Foreman.*
W. A. WILSON, *Superintendent.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No. 1254. *Mitchell Branch & Rutherford.* Located at Red Jacket, drifts, in the Thacker seam of coal, average thickness 54 inches, with a very good slate roof. The Red Jacket and the Rutherford are now being operated through the Mitchell Branch mine, and, coal is dumped over one tipple. Drainage is good. Ventilation is produced by fans, and distributed over the mines by the means of over-casts and automatic doors. The mines are damp, and no explosive gas liberates. The coal is undercut with electric chain machines, gathered and hauled by electric motors. These mines have extensive equibment and are prepared to handle a very large tonnage. The laws are being complied with.

W. N. CUMMINS, *Gneral Superintendent.* ROBT. GOULD, *Mine Foreman.*
W. A. WILSON, *Superintendent.*

RED JACKET CONSOLIDATED COAL & COKE COMPANY.

RED JACKET.

No, 1255. *Red Jacket—Drift.* Located at Red Jacket on the N. & W. R. R., operating the Red Jacket Seam, 4 feet, six inches thick, ventilated by an 8 foot fan, coal is cut by Jeffrey machines, hauled by mules and locomotives.

This mine employs 34 men.

WM. N. CUMMINS, *Gen'l Supt.* W. A. WILSON, *Supt.*
J. W. CUNNINGHAM, *Mine Foreman.*

RED JACKET JUNIOR COMPANY.

RED JACKET.

No. 1256. *Red Jacket, Jr., No. 1.* Located at Red Jacket, drift, in the upper bench of the Thacker seam, average thickness 54 inches, with a good roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by an 8 foot fan, is good. Some sections of this mine are inclined to be dry, making some dust, and require watering down from time to time. The coal is undercut with electric chain machines, and hauled by electric motors. The laws are being complied with.

W. N. CUMMINS, *General Superintendent.* C. L. MCKINNON, *Mine Foreman.*
W. A. WILSON, *Superintendent.*

RED JACKET JUNIOR COAL COMPANY.

RED JACKET.

No. 1256-a. *Red Jacket Junior No. 2.* Located at Red Jacket, drift, in the lower bench of the Thacker seam, average thickness 54 inches, with a food roof. Doors and stoppings are in good condition. Drainage is good. Ventilation, produced by 8 foot fan, is good. The mine is damp and no explosive gas is liberated. The cutting is done by electric chain machines and hauled by electric motors. The laws are being complied with.

W. N. CUMMINS, *General Superintendent.* W. H. WILSON, *Superintendent.*
C. L. MCKIMMON, *Mine Foreman.*

JAMES R. SHANKLIN COAL COMPANY.

BLOCTON.

No. 1257. *Naugatuck.* Located at Blocton, drift, operating the Coalburg seam. Average thickness 4 feet, 8 inches, with a sand stone roof. Some sections have a draw slate, over the coal, which is bad. Drainage is good. Doors and stoppings are in good condition. Ventilation is produced by a 14 foot Centrifugal fan, is very good. Mine is damp and no explosive gas is liberated. Coal is undercut by Post Punching Machines, and hauled by mules and steam locomotive. This mine has a washer for the purpose of cleaning the coal. The mine law is being complied with.

S. W. PERRY, *Gen. Supt.* C. A. PARCELL, *Mine Foreman.*
J. S. CRUGAR, *Supt.*

E. L. STERNBERGER COAL COMPANY.

GOODMAN.

No. 1258. *Sternberger.* Located at Goodman, consisting of a number of drift openings, operating the Winifrede seam, average thickness 6 feet, with a good sand stone roof. Doors and stoppings are good. Drainage is good. Ventilation, produced by two disc fans, is good. Mine is damp and no explosive gas is liberated. Coal is undercut by compressed air. Post Punching Machines, hauled by mules and a gasoline motor. Laws are complied with.

O. B. GOULD, *Gen. Mgr. & Supt.* CHAS. G. MAY, *Mine Foreman.*

STONE MOUNTAIN COAL CORP

MATEWAN.

No. 1259. *Marvin.* Located at Matewan, drift in the Thacker seam, the Alma seam having been abandoned during the year. The Thacker seam has an average thickness of 43 inches, with a slate roof, which is good. Doors and stoppings are in fair condition. Ventilation, produced by fan, is good. The mine is damp and no explosives gas liberates. Coal is undercut by electric chain machines and hauled by mules and electric motors.

SAM GRAHAM, *Superintendent.* JNO BODY, *Mine Foreman.*

SUPERIOR THACKER COAL & COKE COMPANY.

WILLIAMSON.

No. 1260. *No. 1.* Located at Williamson, drift, in the Thacker seam, average thickness of 50 inches, with a good roof. Drainage is good. Doors and stoppings are in a fair condition. Ventilation, produced by a furnace, is sufficient. This is a very small mine, only employing from 12 to 20 men, is very damp and no explosive gas liberates. Coal is undercut with electric chain machines, and hauled by ponies and electric motor. Laws are being complied with.

M. O. RANDOLPH, *Supt.* T. A. MITCHELL, *Mine Foreman.*

SYCAMORE COAL COMPANY.

CINDERELLA.

No. 1261. *Cinderella.* Located just east of Williamson, consists of a number of drift openings in the Winifrede seam, and one opening in the Coalburg seam, average thickness 4 feet, nine inches, with a roof that is bad in both the Winifrede and Coalburg seams, and which requires careful timbering. Drainage is good. Doors and stoppings in good condition. Ventilation, produced by three fans, is very good. These mines are very damp and no explosive gas is liberated. Coal is all undercut by electric chain machines and hauled by mules and electric motors. These openings are capable of producing a very large tonnage.

S. W. PATTERSON, *Gen. Mgr.* ROBERT ERSKINE, *Mine Foreman.*
EVAN THOMAS, *Superintendent.*

THACKER COAL & COKE COMPANY.

THACKER MINES.

No. 1262. *Thacker Nos. 2, 3, 6, 7, 8 and 9.* Located at Thacker, drifts, in the Thacker seam, average thickness of 7½ feet. Roof is very good in No. 3, and bad, in six, seven, eight and nine, which requires careful timbering. The coal from the six mines is loaded over one tipple. Doors and stoppings are good. Ventilation, produced by four fans, is good. The mines are damp, and no explosive gas is liberated. The coal is undercut with electric chain machines and hauled by mules and electric motors.

T. E. HOUSTON, *General Manager.* FRED MILLER, *Mine Foreman.*
BENJAMIN LEWIS, *Gen. Supt.* JOHN MASSING, *Mine Foreman.*
J. M. LEWIS, *Superintendent.* CHAS. SIGMAN, *Mine Foreman.*

THACKER COAL & COKE COMPANY.

NEW THACKER.

No. 1263 & a. *Thacker Nos. 10, 11, 12, 13 and 14.* Located on the Lick Fork Branch, east of Thacker, drifts, in the Thacker seam, thickness of 48 to 84 inches. The coal from the five openings is all loaded over one tipple. Drainage is good. Doors and stoppings good. Ventilation, produced by four fans, is good. The mines are damp and no explosive gas liberates. The cutting is done by electric chain machines, gathered and hauled by electric motors. The laws are being complied with.

BENJAMIN LEWIS, *General Supt.* P. P. KERR, *Mine Foreman.*
J. M. LEWIS, *Superintendent.* COLEMAN, BENNETT, *Mine Foreman.*
JOE ALSUP, *Mine Foreman.*

WAR EAGLE COAL COMPANY.

WAR EAGLE.

No. 1264. *Mephisto.* Located on Turkey Creek, near War Eagle, drift, operating the War Eagle Seam, average thickness 5 feet, 6 inches with a good sand stone roof. Drainage is good. Doors and stoppings are good. Ventilation, produced by a five foot Stine fan, located inside the mine, is good and well distributed. The coal is undercut with compressed air punching machines and hauled by mules and steam locomotive. Mine is wet, and no explosive gas liberates. Laws are being complied with.

A. H. MOORE, *President.* S. S. BARNETT, *Mine Foreman.*
G. W. COFFEY, *Supt.*

WAR EAGLE COAL COMPANY

WAR EAGLE.

No. 1265. "*Pappoose.*" Located on Turkey Creek Branch of the N. & W. Ry., near War Eagle, drift, operating War Eagle seam, average thickness of 5 feet, 9 inches with a sand stone roof which is good. Drainage is good. Doors and stoppings good. Ventilation, produced by a five foot Stine fan installed inside, is good. Mine is wet; no explosive gas liberates. Coal is undercut by compressed air punching machines and hauled by mules and a steam locomotive. Laws are complied with.

A. H. MOORE, *President.* JOHN COFFEY, *Mine Foreman.*
G. W. COFFEY, *Supt.*

WHITE STAR MINING COMPANY.

MERRIMAC.

No. 1266. *White Star Nos. 1 and 2.* Located at Merrimac, drifts, in the Alma and Pond Creek seams, average thickness of the Alma, is 42 and of the Pond Creek 52 inches. Roof good in both mines, except that No. 2, has from 4 to 6 inches of draw slate which comes down with the coal. Drainage is good. Ventilation good in No. 2 and only fair in No. 1, both ventilated by fans, are very damp and no explosive gas liberates. Coal is undercut with compressed air punching machines and electric chain machines and hauled by mules and electric motors. Laws are being complied with.

S. J. PATTERSON, *General Manager.* G. W. WELCH, *Mine Foreman.*

WILLIAMSON COAL & COKE COMPANY.

WILLIAMSON.

No. 1267. *Winifrede.* Located at Williamson, consists of a number of drifts, in the Winifrede seam, average thickness 4 feet, with a good sand stone roof.

No. 7 mine is a new opening. in the Thacker seam of coal. Doors and stoppings are in good condition. Ventilation, produced by fans, and is good. The mines are very damp and no explosive gas is liberated. Coal is undercut with compressed air punching machines and an electric chain machine, and hauled by mules and electric motors. The laws are being complied with.

E. L. BAILEY, *General Manager.* H. H. KELLEY, *General Mine Foreman.*
J. F. JAMES, *Superintendent.*

WAYNE COUNTY.

EAST LYNN COAL COMPANY.

EAST LYNN.

No. 1268. *Sagamore.* Located at East Lynn, drift in the Kittanning seam of coal, average thickness of sixty inches, with a good sandstone roof.

There has been a new opening made, during the year, which is ventilated by a fan. Old mine is ventilated by a furnace. Ventilation good in both. Drainage is good. Doors and stoppings are in good condition. The mines are wet and no explosive gas is liberated. Coal is undercut with an electric chain machine, and hauled with mules. Law, in most respects, is being complied with.

A. J. PERRY, *General Manager.* OKEY LLOYD, *Supt. & Mine Foreman.*

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